

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087582.D
 Acq On : 31 May 2016 9:37
 Operator : UM/SJ
 Sample : H3290-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GM-SP-(0-4)

Quant Time: May 31 14:31:26 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	7.47	152	119766	20.00	ng	-0.05
21) Naphthalene-d8	9.50	136	476981	20.00	ng	-0.06
38) Acenaphthene-d10	12.33	164	194751	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	327424	20.00	ng	-0.03
75) Chrysene-d12	18.46	240	256424	20.00	ng	-0.02
86) Perylene-d12	20.15	264	188496	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	921597	135.21	ng	-0.01
7) Phenol-d6	7.04	99	1126012	122.26	ng	-0.03
23) Nitrobenzene-d5	8.39	82	824219	87.09	ng	-0.06
41) 2,4,6-Tribromophenol	13.63	330	230098	122.95	ng	-0.05
44) 2-Fluorobiphenyl	11.28	172	1311509	94.94	ng	-0.06
78) Terphenyl-d14	17.09	244	993414	82.36	ng	-0.05

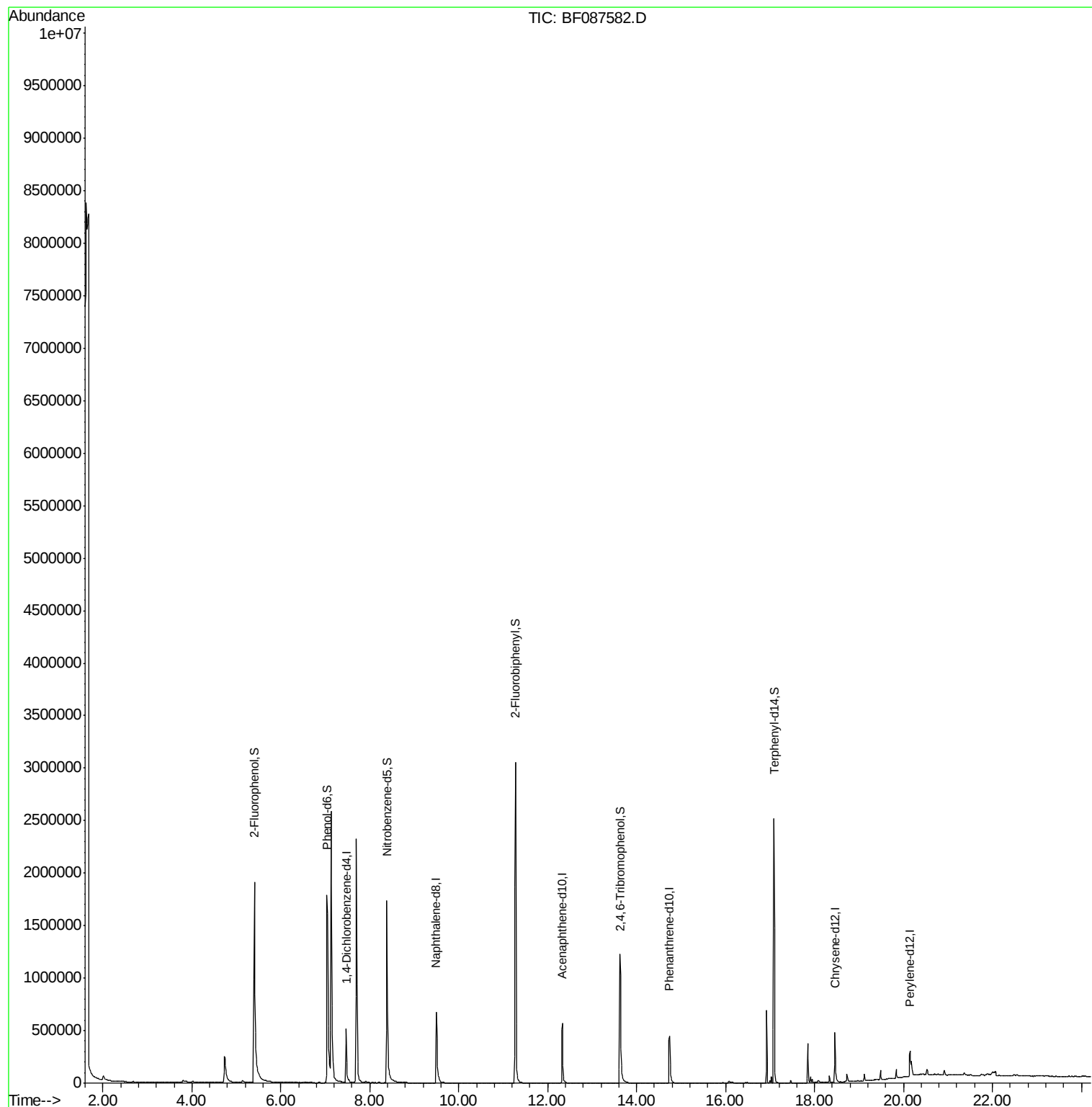
Target Compounds Qvalue

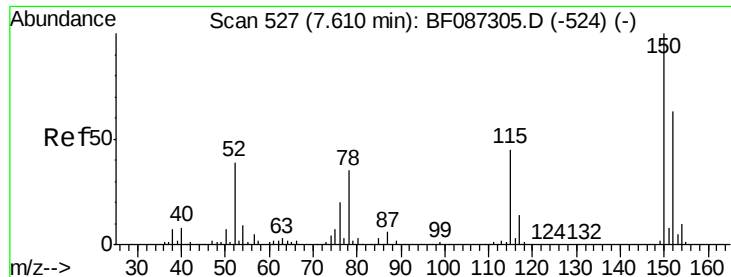
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF087582.D

Acq: 31 May 2016 9:37

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

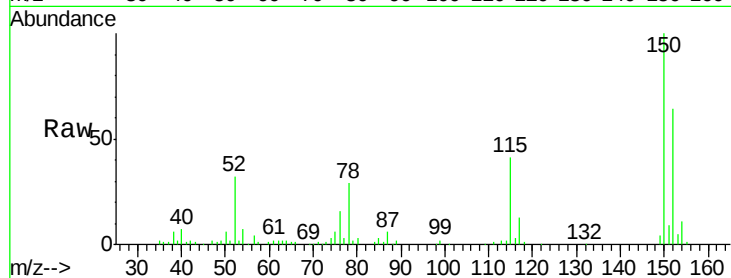
Tot Ion:152 Resp: 119766

Ion Ratio Lower Upper

152 100

150 157.2 125.8 188.6

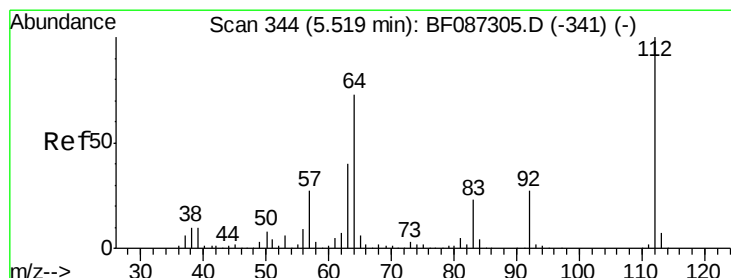
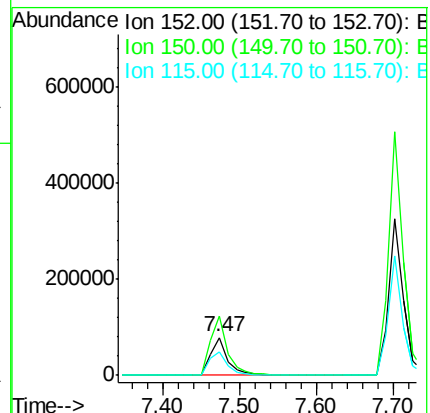
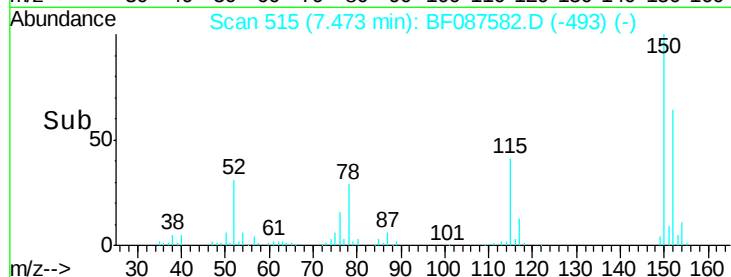
115 64.0 51.5 77.3



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: 135.21 ng

RT: 5.40 min Scan# 334

Delta R.T. -0.01 min

Lab File: BF087582.D

Acq: 31 May 2016 9:37

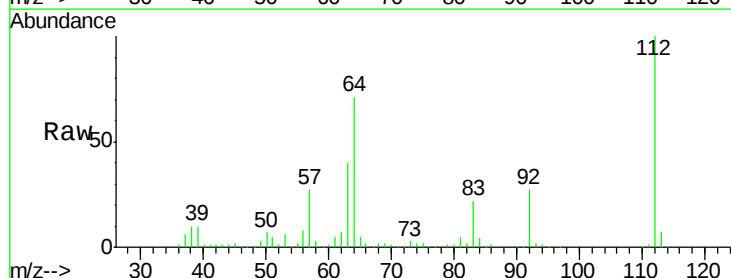
Tgt Ion:112 Resp: 921597

Ion Ratio Lower Upper

112 100

64 70.8 52.1 78.1

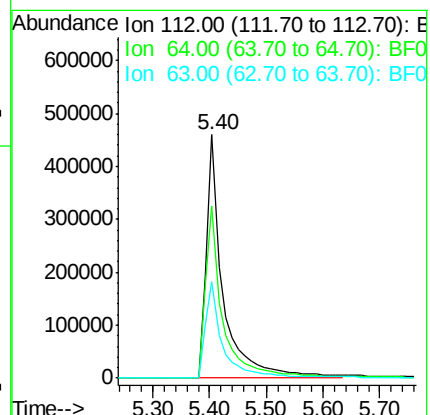
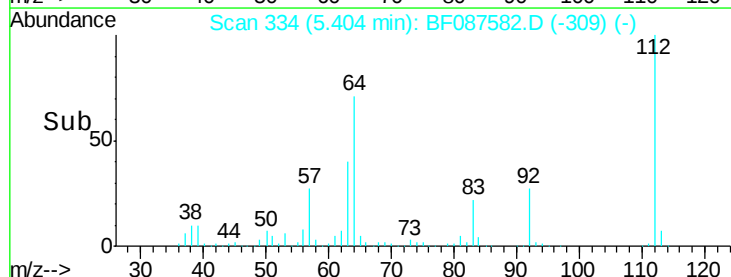
63 39.7 25.7 38.5

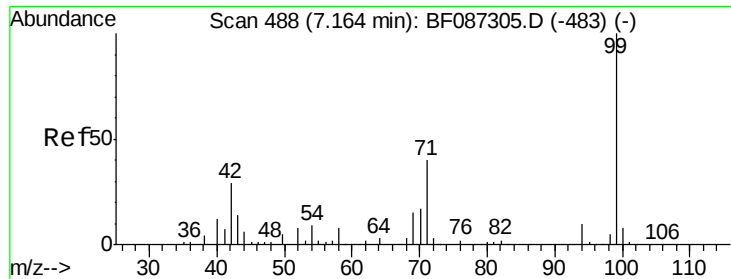


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.26 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087582.D

Acq: 31 May 2016 9:37

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

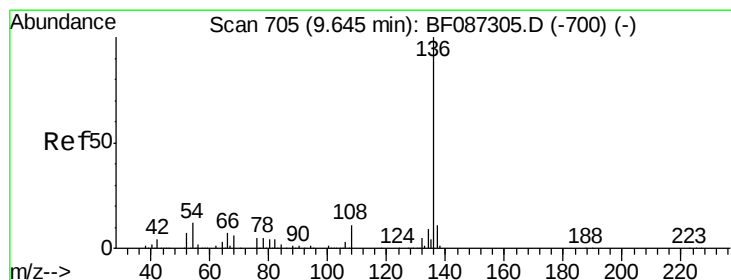
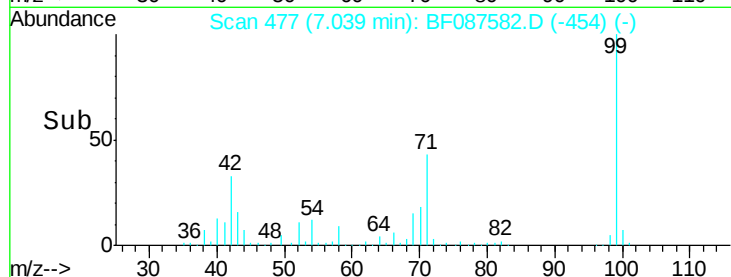
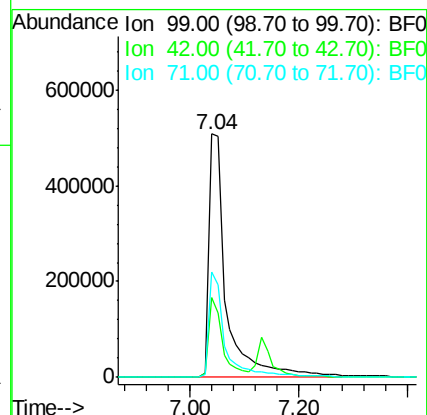
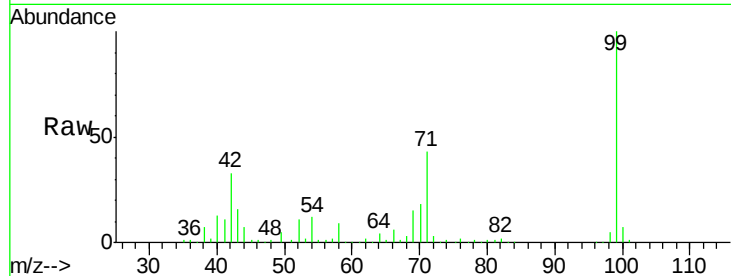
Tot Ion: 99 Resp: 1126012

Ion Ratio Lower Upper

99 100

42 32.7 13.6 20.4#

71 43.3 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.06 min

Lab File: BF087582.D

Acq: 31 May 2016 9:37

Tgt Ion: 136 Resp: 476981

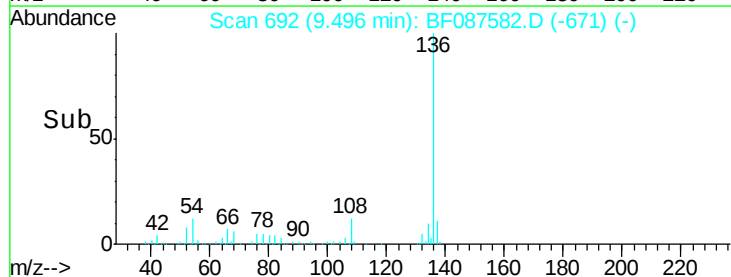
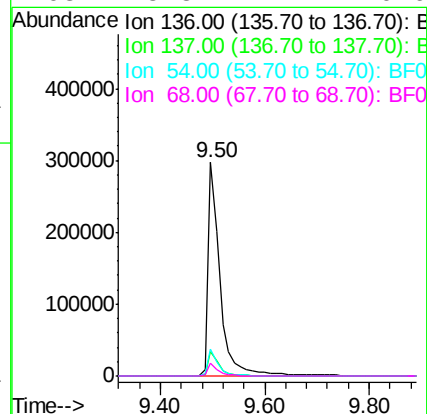
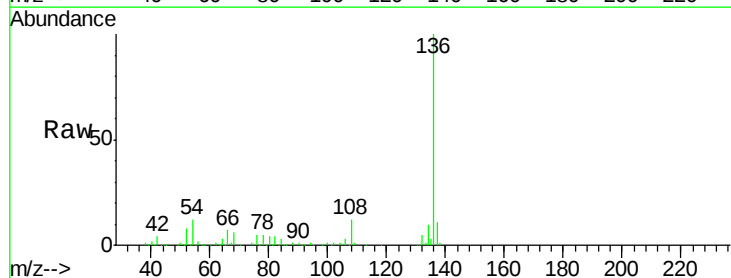
Ion Ratio Lower Upper

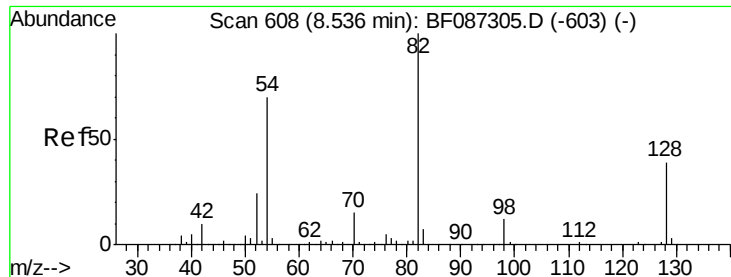
136 100

137 11.2 8.8 13.2

54 12.4 5.0 7.4#

68 5.8 4.4 6.6

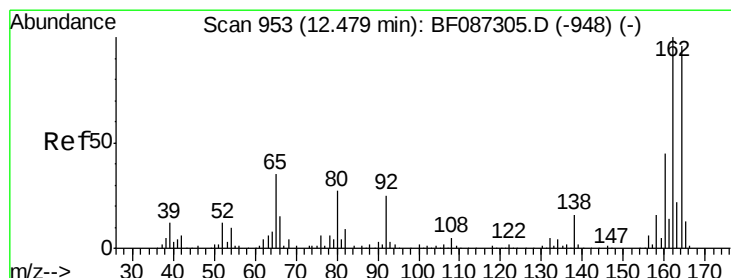
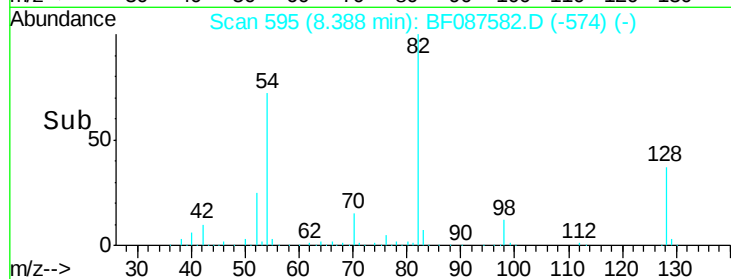
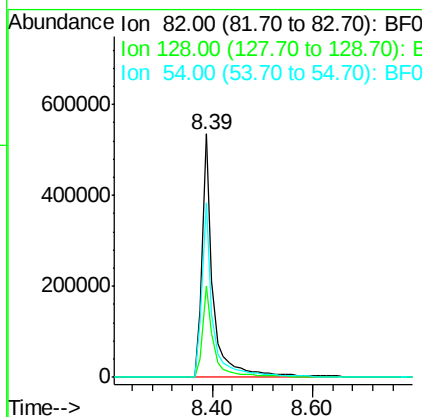
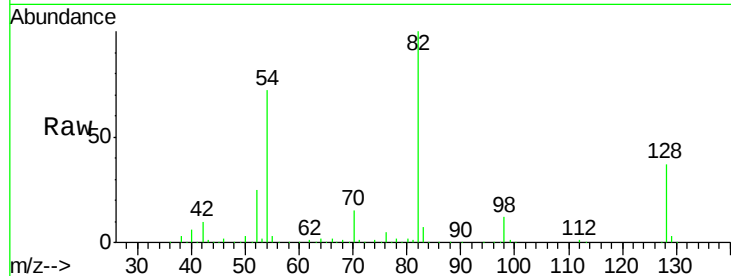




#23
 Nitrobenzene-d5
 Concen: 87.09 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.06 min
 Lab File: BF087582.D
 Acq: 31 May 2016 9:37

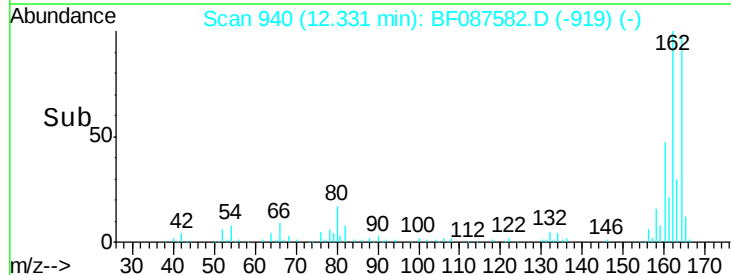
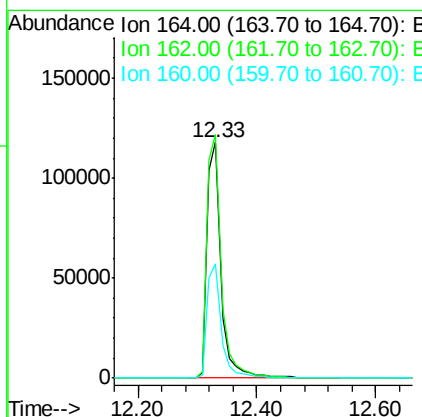
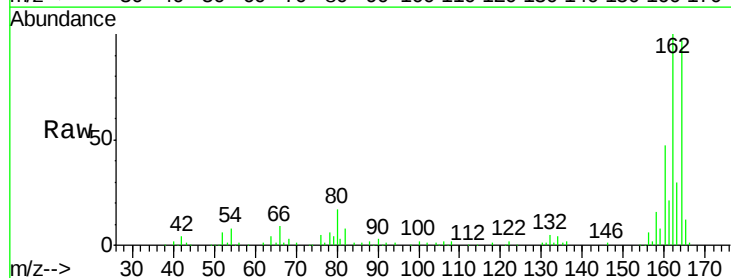
Instrument :
 BNA_F
 ClientSampleId :
 GM-SP-(0-4)

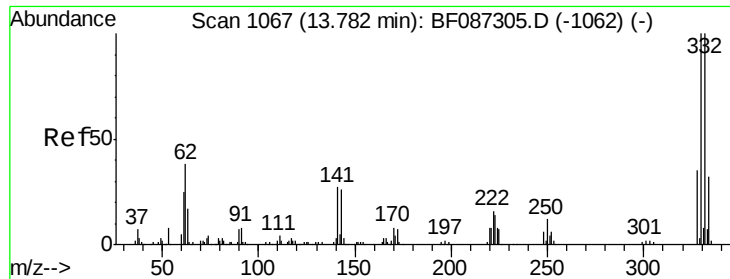
Tot Ion: 82 Resp: 824219
 Ion Ratio Lower Upper
 82 100
 128 37.2 40.6 61.0#
 54 71.5 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.06 min
 Lab File: BF087582.D
 Acq: 31 May 2016 9:37

Tgt Ion: 164 Resp: 194751
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.8 124.2
 160 48.8 36.9 55.3

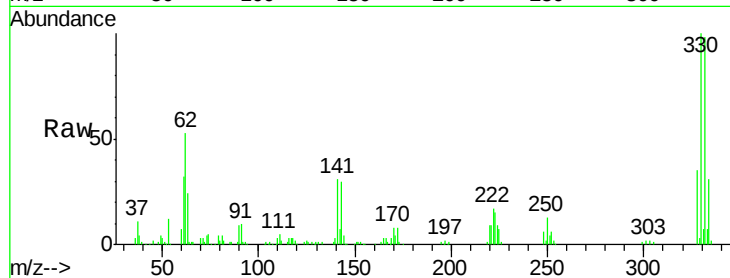




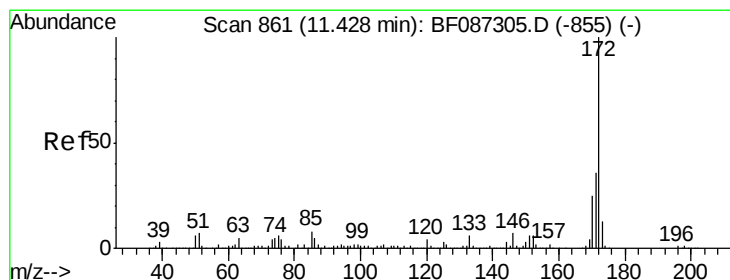
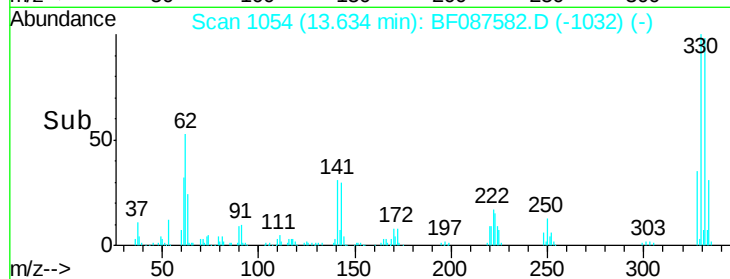
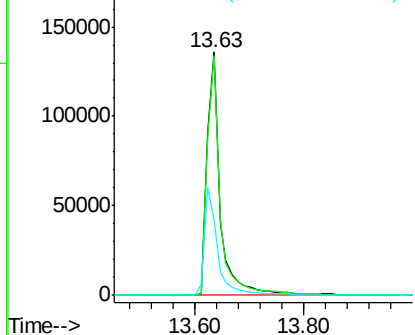
#41
 2,4,6-Tribromophenol
 Concen: 122.95 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF087582.D
 Acq: 31 May 2016 9:37

Instrument :
 BNA_F
 ClientSampleId :
 GM-SP-(0-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.0	118.4
141	44.3	31.2	46.8

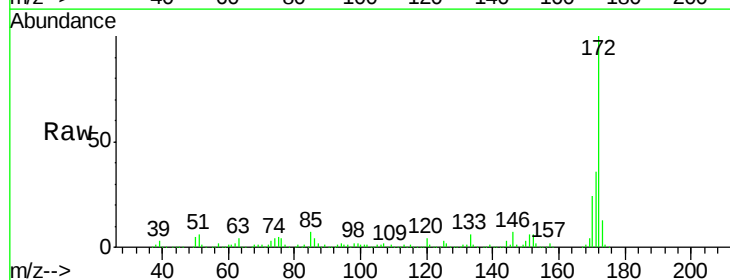


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

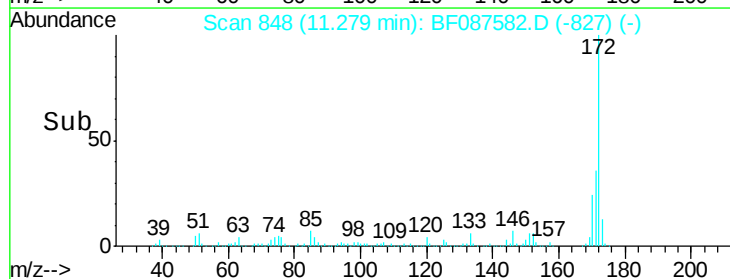
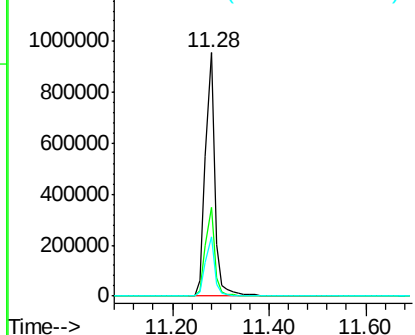


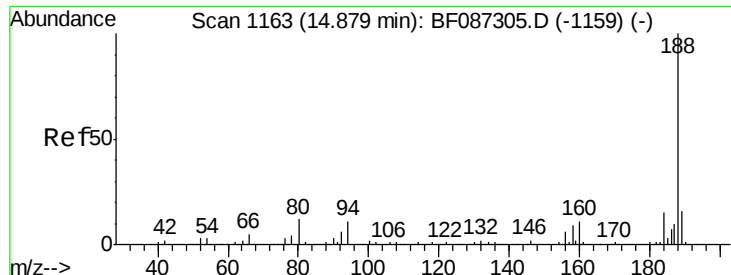
#44
 2-Fluorobiphenyl
 Concen: 94.94 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.06 min
 Lab File: BF087582.D
 Acq: 31 May 2016 9:37

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

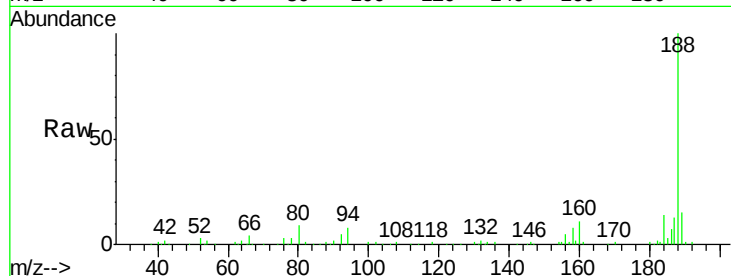




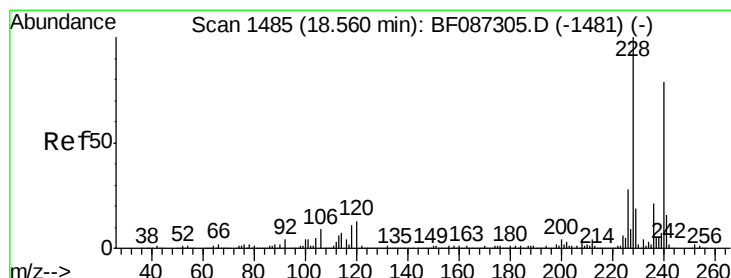
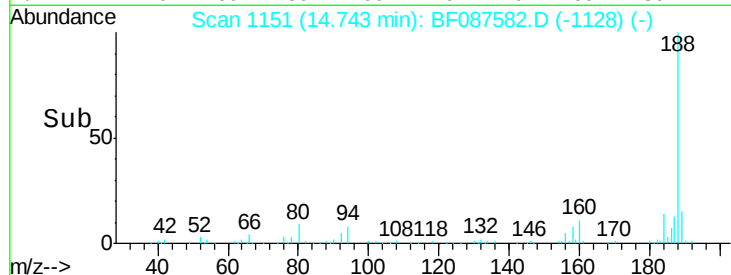
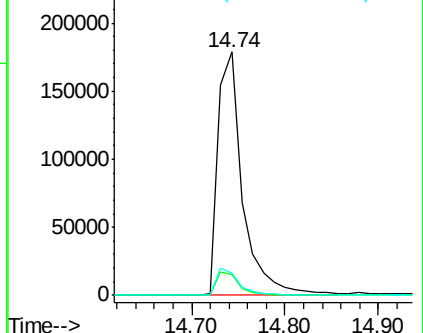
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087582.D
Acq: 31 May 2016 9:37

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.8	10.2
80	8.9	7.1	10.7

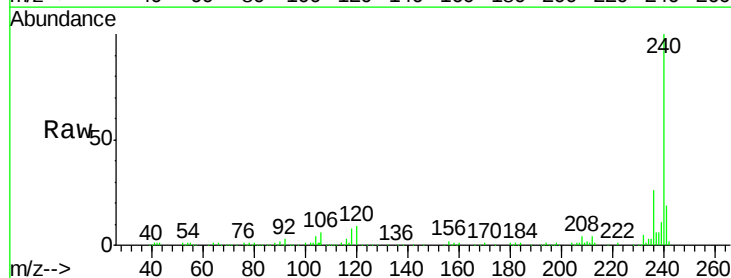


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

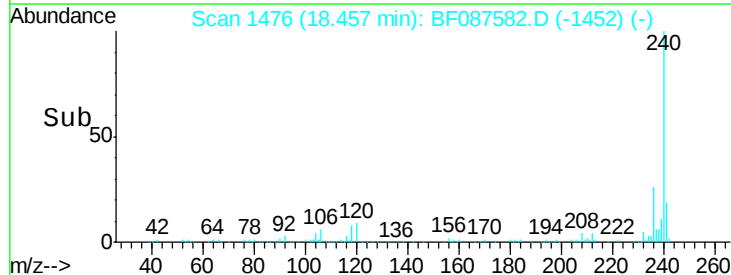
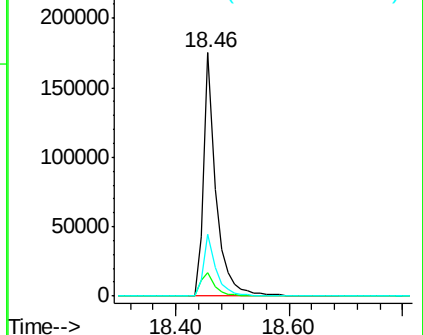


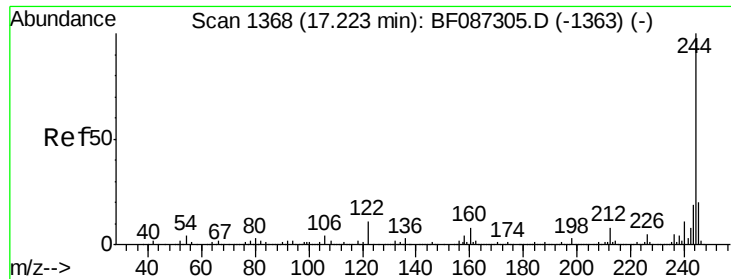
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF087582.D
Acq: 31 May 2016 9:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	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: 82.36 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.05 min

Lab File: BF087582.D

Acq: 31 May 2016 9:37

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

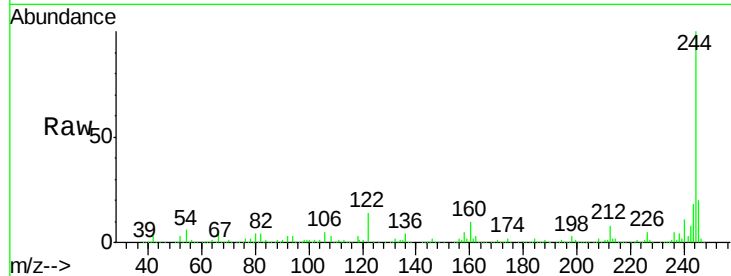
Tot Ion:244 Resp: 993414

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

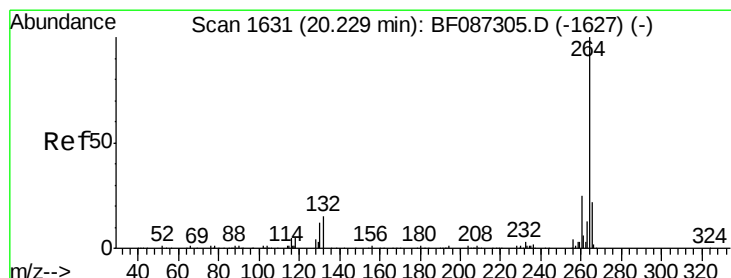
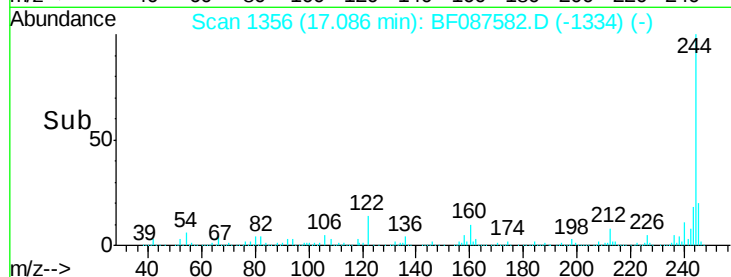
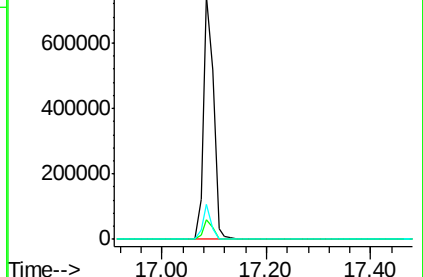
122 14.4 12.0 18.0



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: 20.15 min Scan# 1624

Delta R.T. 0.01 min

Lab File: BF087582.D

Acq: 31 May 2016 9:37

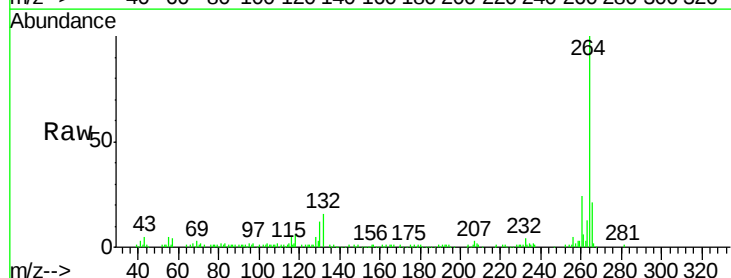
Tgt Ion:264 Resp: 188496

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.1 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

