

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
 Data File : BF087365.D
 Acq On : 25 May 2016 6:25
 Operator : UM/SJ
 Sample : H3191-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1679(0-4)

Quant Time: May 25 07:00:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	111766	20.00	ng	-0.05
21) Naphthalene-d8	9.59	136	450839	20.00	ng	-0.06
38) Acenaphthene-d10	12.41	164	219256	20.00	ng	-0.07
63) Phenanthrene-d10	14.82	188	453097	20.00	ng	-0.06
75) Chrysene-d12	18.50	240	393062	20.00	ng	-0.06
86) Perylene-d12	20.17	264	284137	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	912761	143.50	ng	-0.03
7) Phenol-d6	7.10	99	1129523	131.42	ng	-0.07
23) Nitrobenzene-d5	8.47	82	830687	92.86	ng	-0.07
41) 2,4,6-Tribromophenol	13.71	330	339983	161.36	ng	-0.07
44) 2-Fluorobiphenyl	11.36	172	1460362	93.90	ng	-0.07
78) Terphenyl-d14	17.17	244	1562405	84.51	ng	-0.06

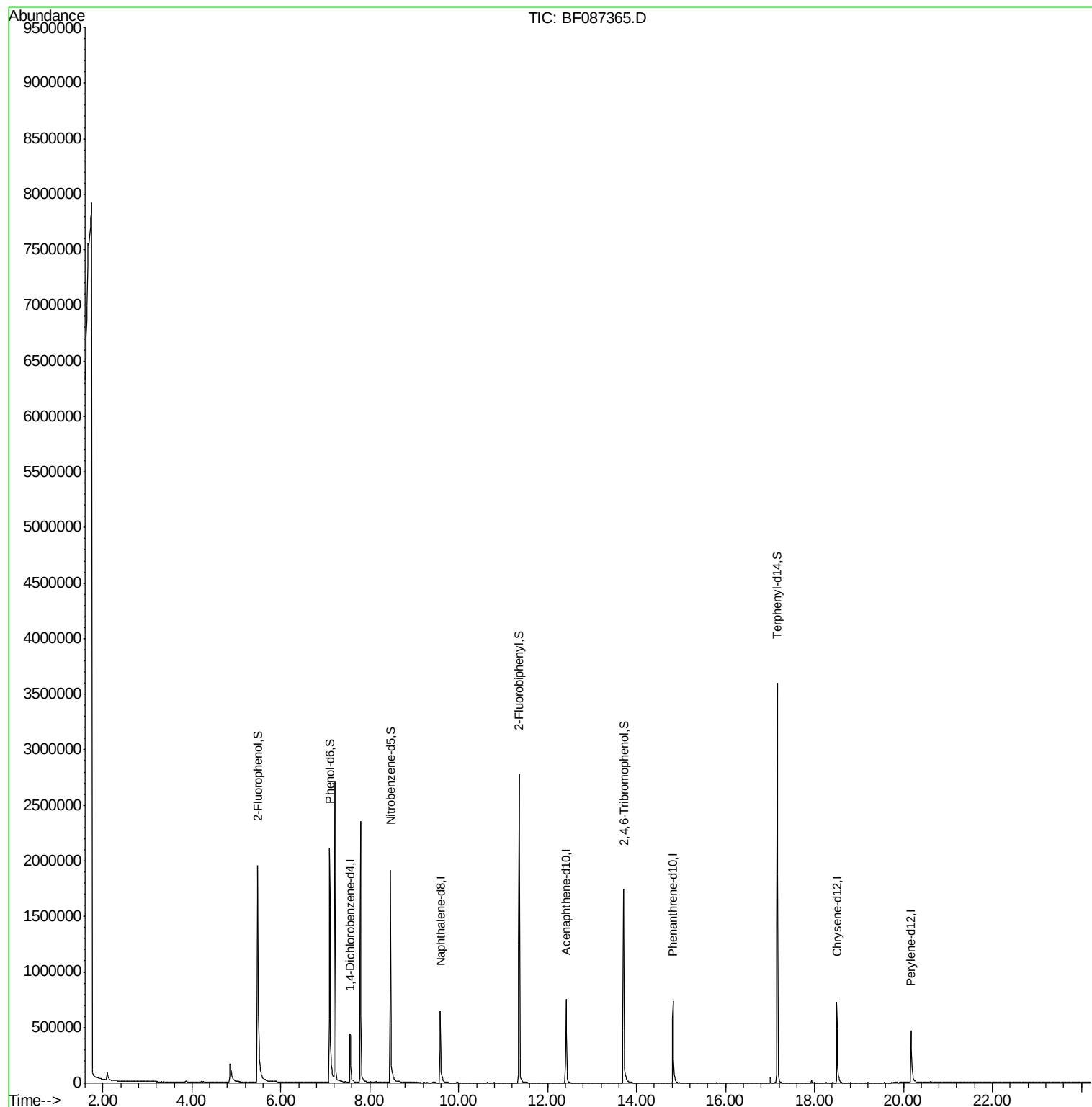
Target Compounds Qvalue

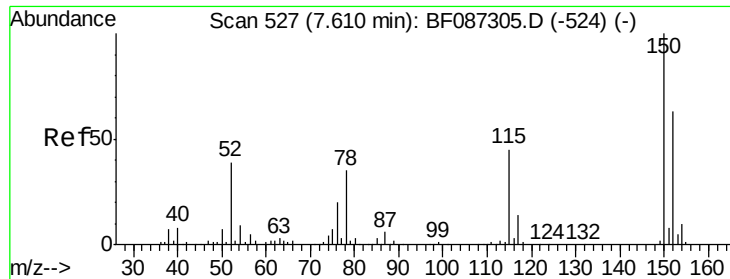
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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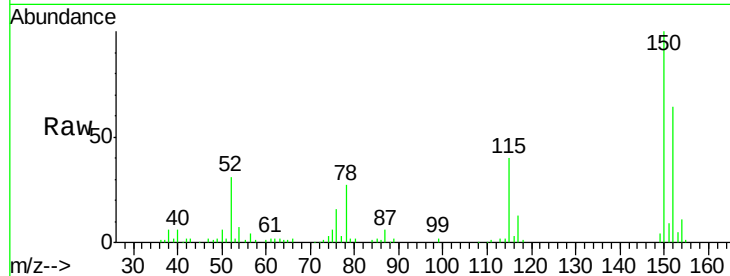


#1

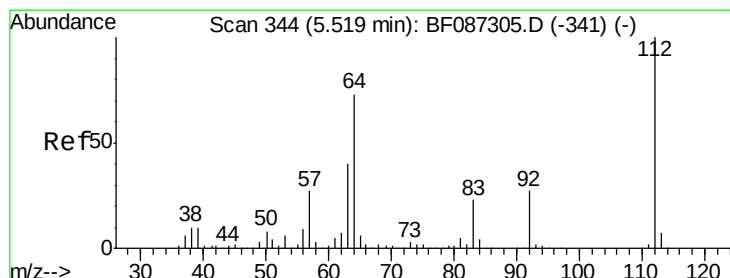
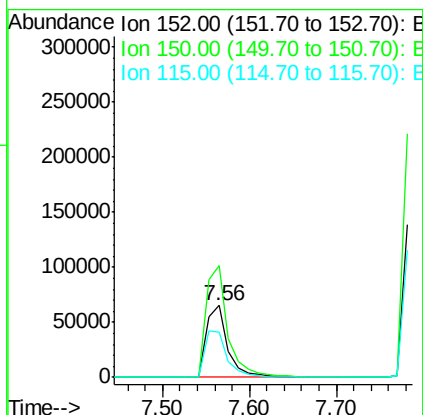
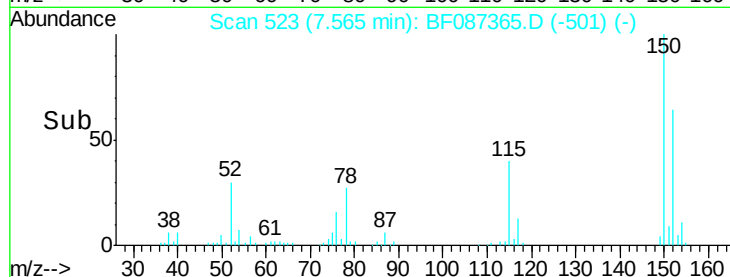
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF087365.D
Acq: 25 May 2016 6:25

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1679(0-4)

Tot Ion:152 Resp: 111766
Ion Ratio Lower Upper
152 100
150 156.4 125.8 188.6
115 62.2 51.5 77.3



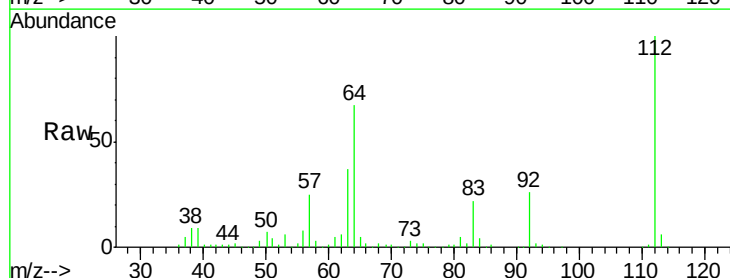
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



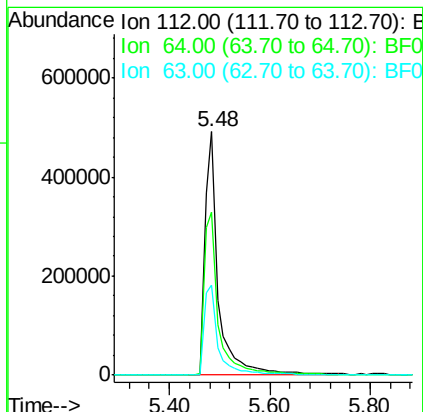
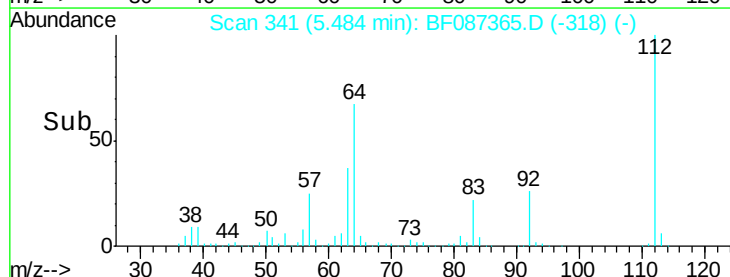
#5

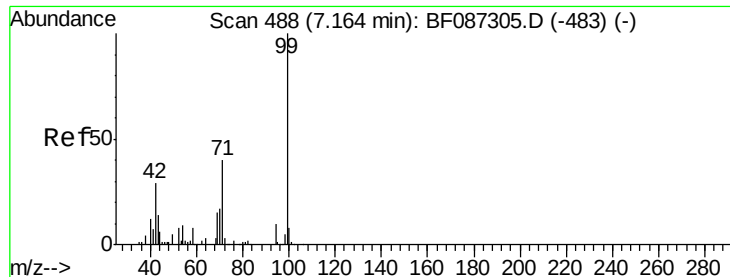
2-Fluorophenol
Concen: 143.50 ng
RT: 5.48 min Scan# 341
Delta R.T. -0.03 min
Lab File: BF087365.D
Acq: 25 May 2016 6:25

Tgt Ion:112 Resp: 912761
Ion Ratio Lower Upper
112 100
64 66.9 52.1 78.1
63 37.2 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: 131.42 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.07 min

Lab File: BF087365.D

Acq: 25 May 2016 6:25

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1679(0-4)

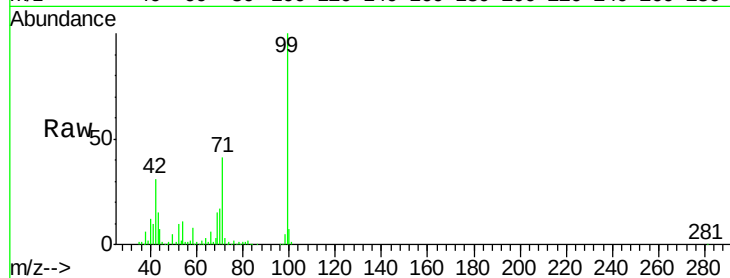
Tot Ion: 99 Resp: 1129523

Ion Ratio Lower Upper

99 100

42 30.9 13.6 20.4#

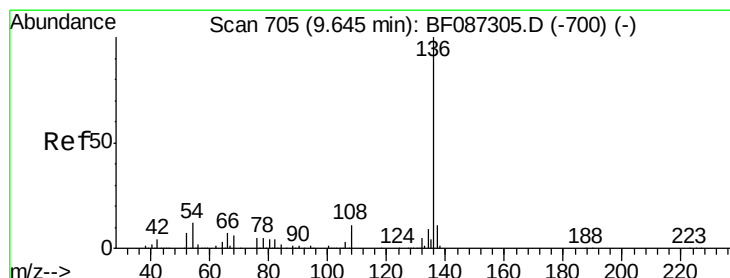
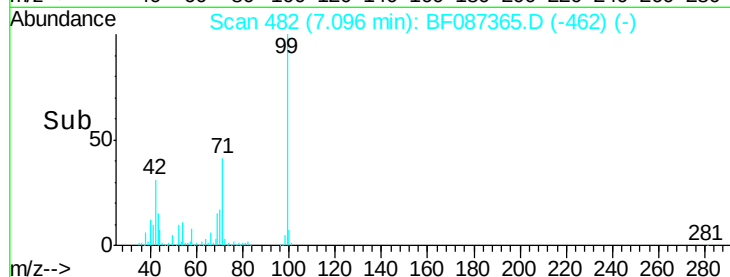
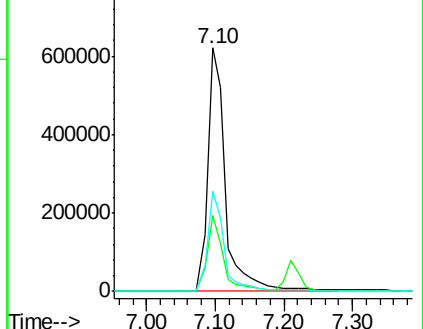
71 41.0 24.6 36.8#



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: 9.59 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF087365.D

Acq: 25 May 2016 6:25

Tgt Ion: 136 Resp: 450839

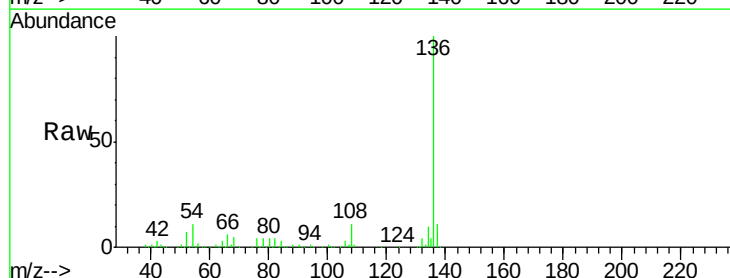
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 10.6 5.0 7.4#

68 5.4 4.4 6.6

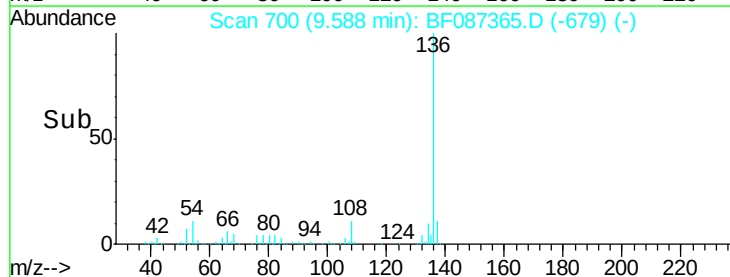
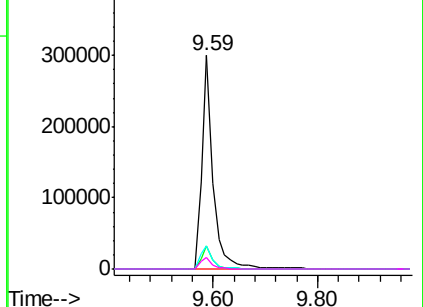


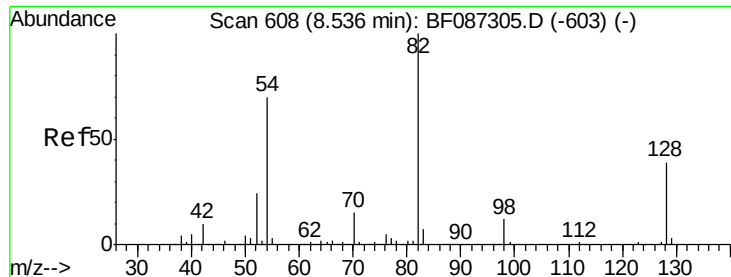
Abundance Ion 136.00 (135.70 to 136.70): E

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

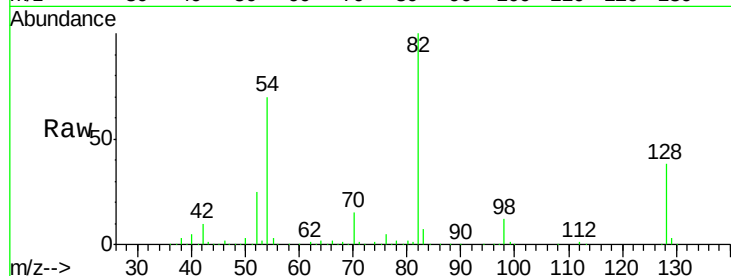




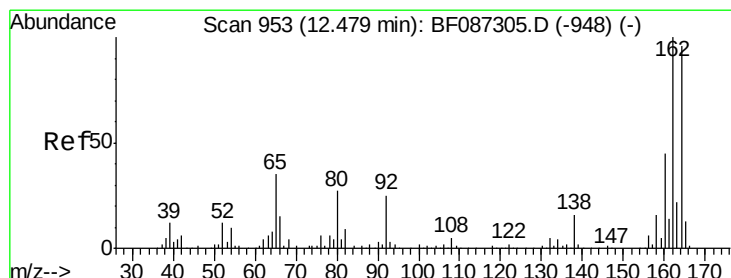
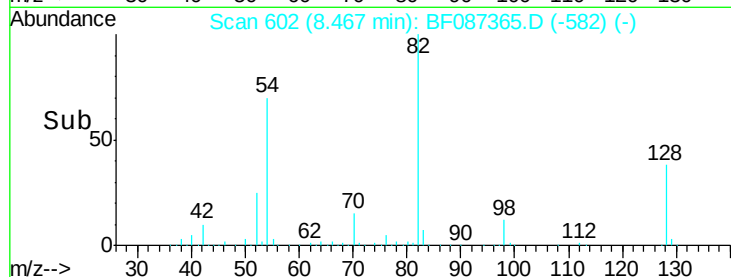
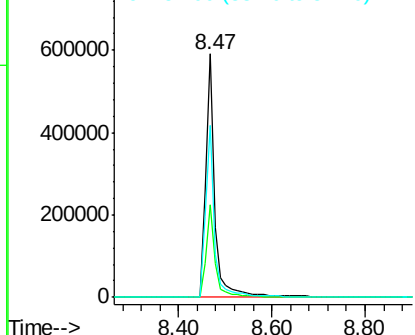
#23
 Nitrobenzene-d5
 Concen: 92.86 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.07 min
 Lab File: BF087365.D
 Acq: 25 May 2016 6:25

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1679(0-4)

Tot Ion: 82 Resp: 830687
 Ion Ratio Lower Upper
 82 100
 128 38.2 40.6 61.0#
 54 70.5 38.1 57.1#

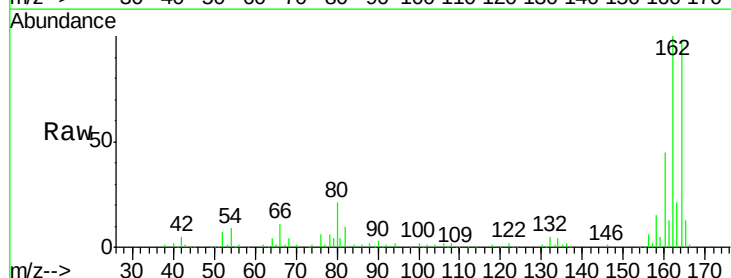


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

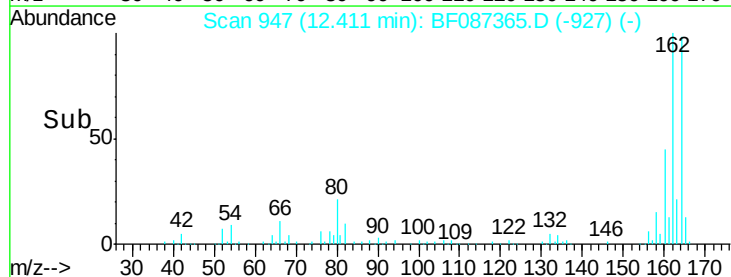
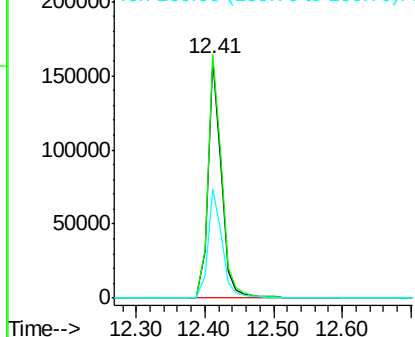


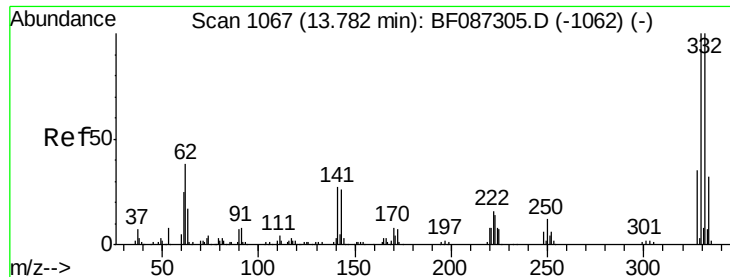
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.07 min
 Lab File: BF087365.D
 Acq: 25 May 2016 6:25

Tgt Ion: 164 Resp: 219256
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.8 124.2
 160 46.0 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

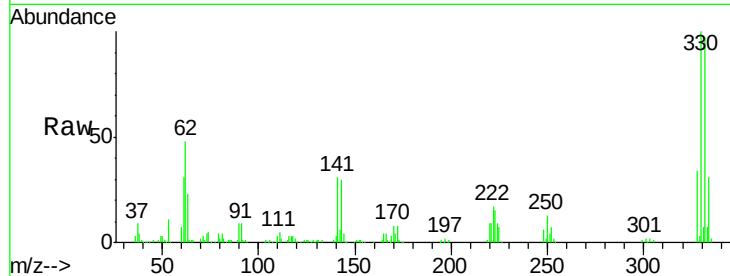




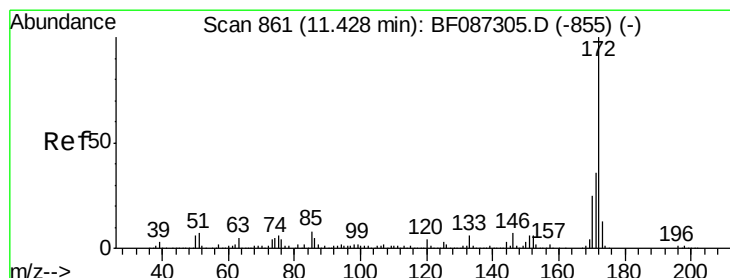
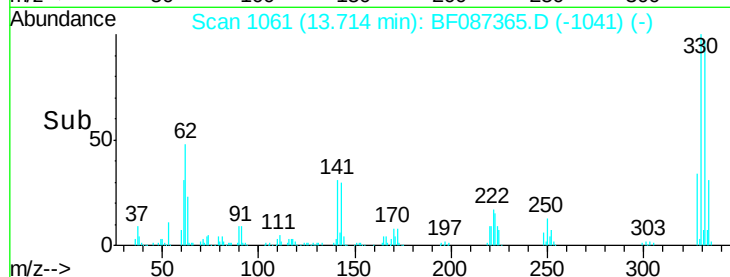
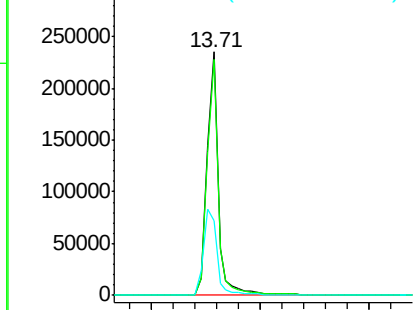
#41
 2,4,6-Tribromophenol
 Concen: 161.36 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.07 min
 Lab File: BF087365.D
 Acq: 25 May 2016 6:25

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1679(0-4)

Tot Ion:330 Resp: 339983
 Ion Ratio Lower Upper
 330 100
 332 96.6 79.0 118.4
 141 42.7 31.2 46.8

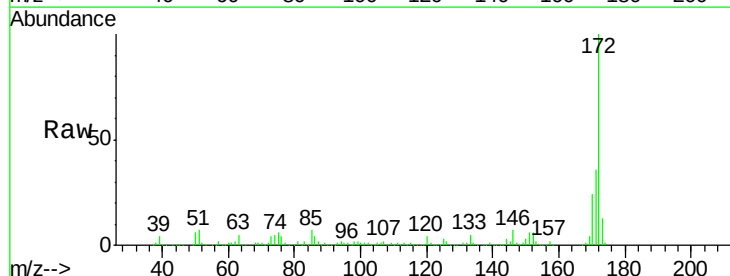


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

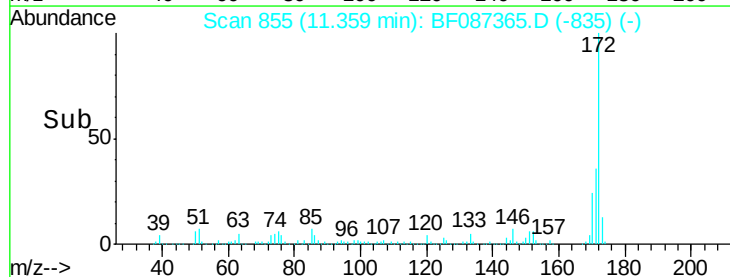
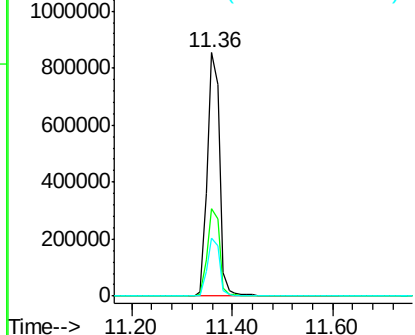


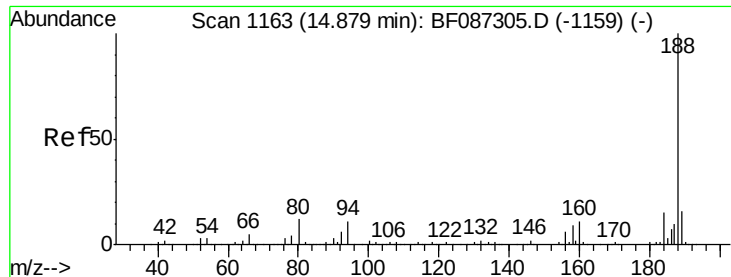
#44
 2-Fluorobiphenyl
 Concen: 93.90 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.07 min
 Lab File: BF087365.D
 Acq: 25 May 2016 6:25

Tgt Ion:172 Resp: 1460362
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.1 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

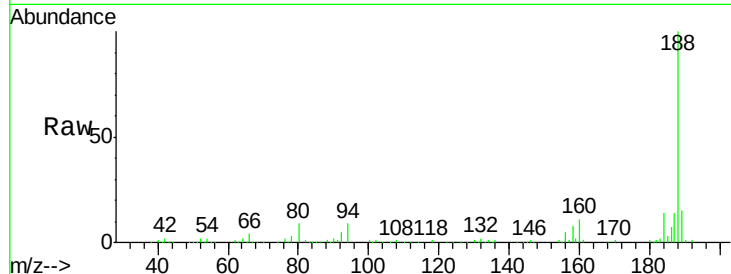




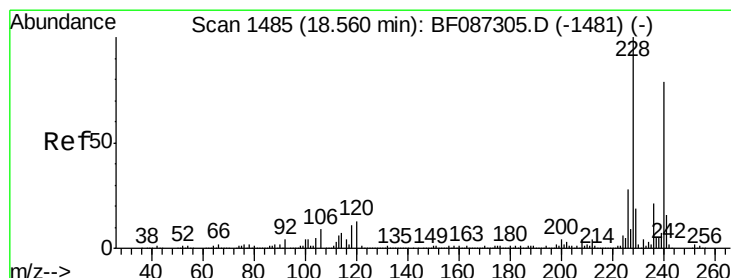
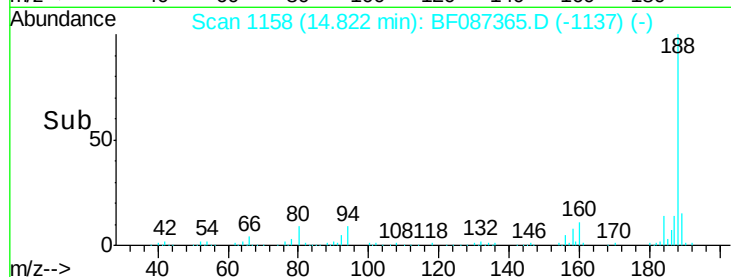
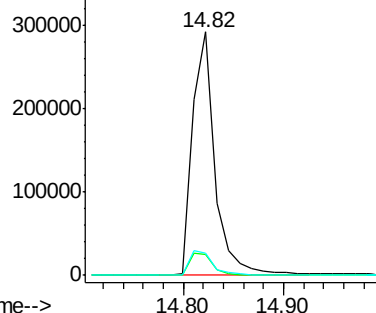
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.06 min
Lab File: BF087365.D
Acq: 25 May 2016 6:25

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1679(0-4)

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.8	10.2
80	8.9	7.1	10.7

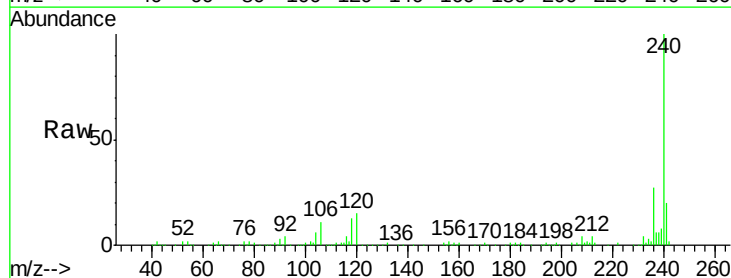


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

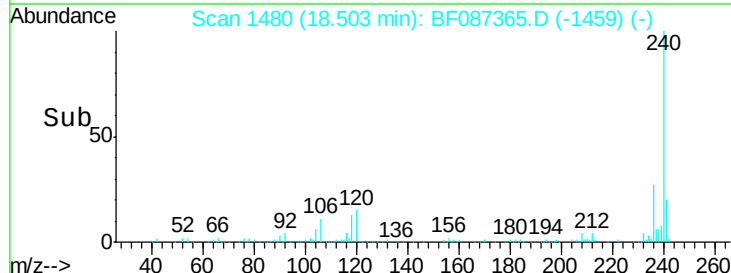
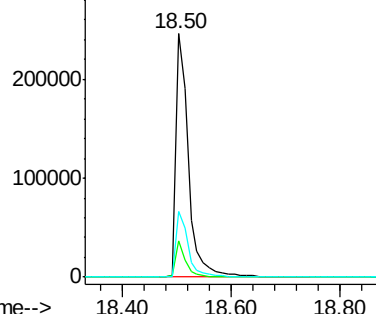


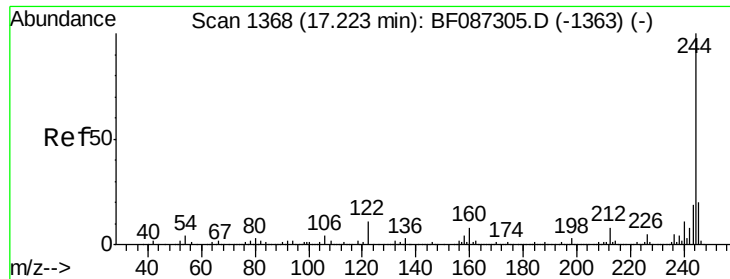
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 1480
Delta R.T. -0.06 min
Lab File: BF087365.D
Acq: 25 May 2016 6:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.7	11.2	16.8
236	26.8	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: 84.51 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.06 min

Lab File: BF087365.D

Acq: 25 May 2016 6:25

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1679(0-4)

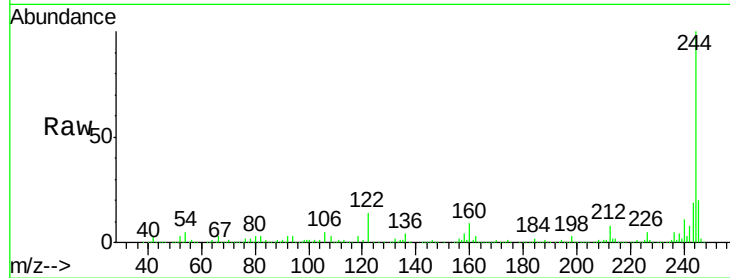
Tot Ion:244 Resp: 1562405

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

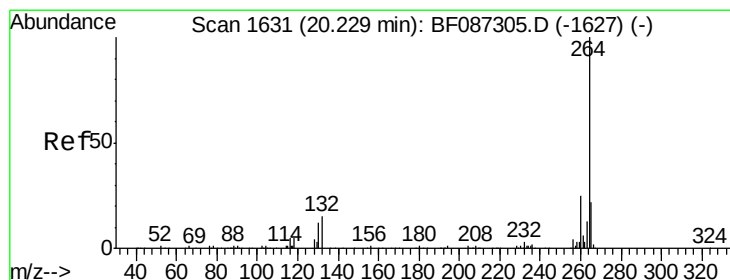
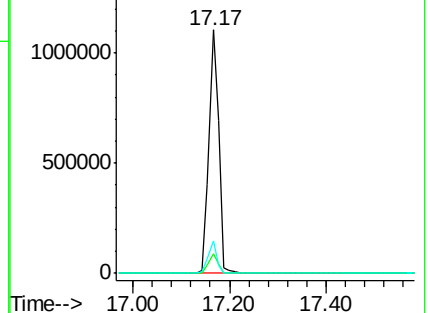
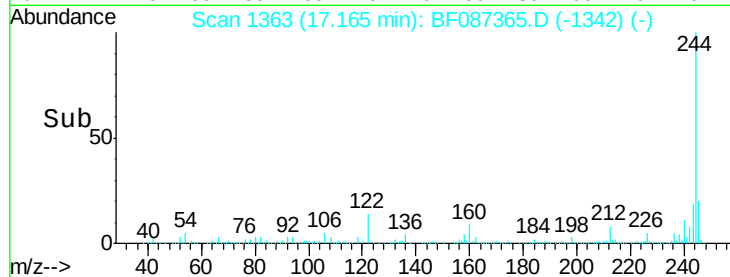
122 13.6 12.0 18.0



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: 20.17 min Scan# 1626

Delta R.T. -0.06 min

Lab File: BF087365.D

Acq: 25 May 2016 6:25

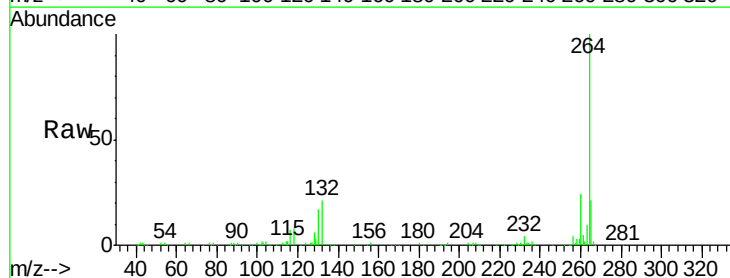
Tgt Ion:264 Resp: 284137

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.3 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

