

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
 Data File : BF087353.D
 Acq On : 24 May 2016 23:42
 Operator : UM/SJ
 Sample : H3191-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)

Quant Time: May 25 01:14:09 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 00:58:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	115866	20.00	ng	-0.01
21) Naphthalene-d8	9.59	136	468398	20.00	ng	-0.01
38) Acenaphthene-d10	12.41	164	222590	20.00	ng	-0.01
63) Phenanthrene-d10	14.82	188	461307	20.00	ng	0.00
75) Chrysene-d12	18.50	240	383468	20.00	ng	-0.01
86) Perylene-d12	20.18	264	122310	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	971215	147.29	ng	0.02
7) Phenol-d6	7.11	99	1277094	143.33	ng	0.00
23) Nitrobenzene-d5	8.47	82	864482	93.02	ng	-0.02
41) 2,4,6-Tribromophenol	13.71	330	334319	156.29	ng	-0.01
44) 2-Fluorobiphenyl	11.36	172	1480658	93.78	ng	-0.02
78) Terphenyl-d14	17.17	244	1516979	84.10	ng	-0.01

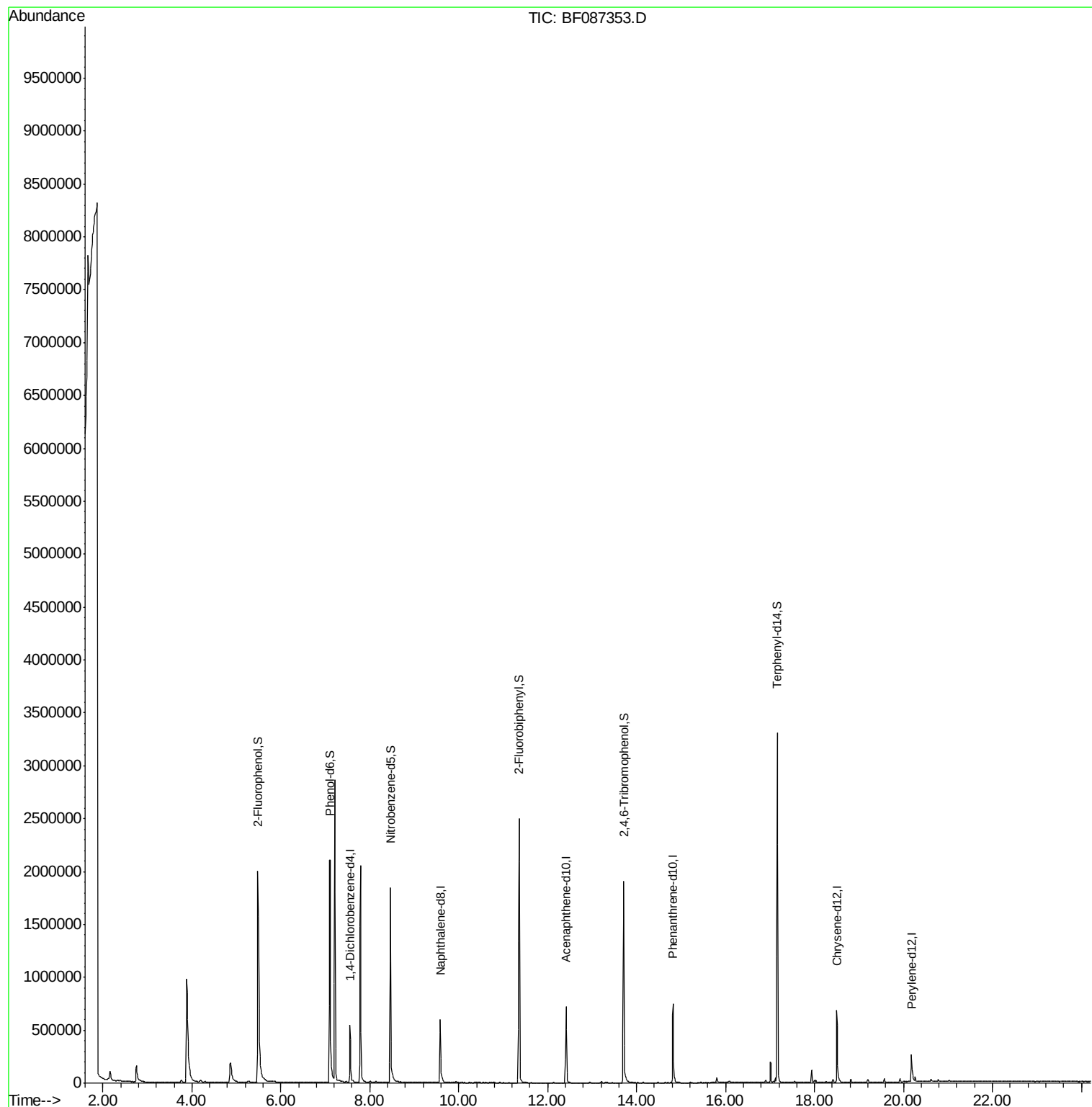
Target Compounds Qvalue

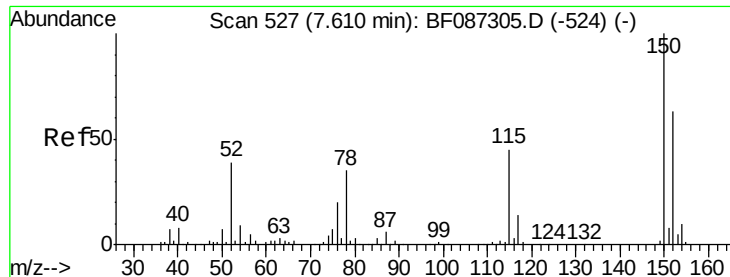
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF087353.D

Acq: 24 May 2016 23:42

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)

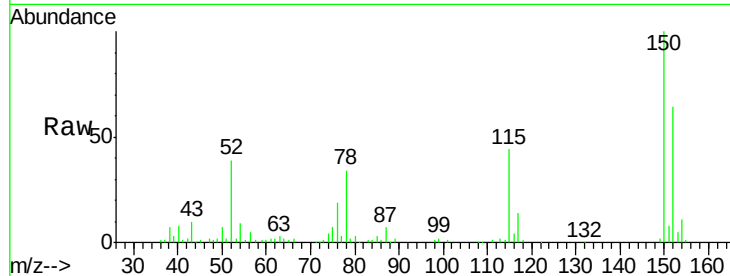
Tot Ion:152 Resp: 115866

Ion Ratio Lower Upper

152 100

150 156.6 125.8 188.6

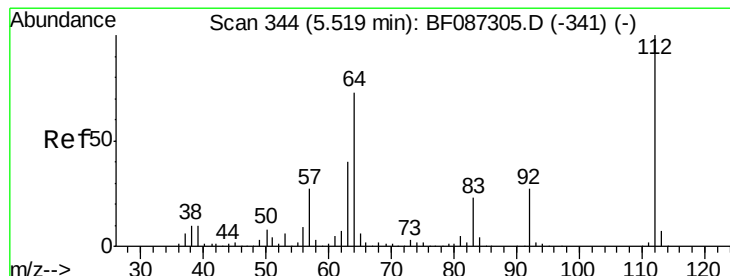
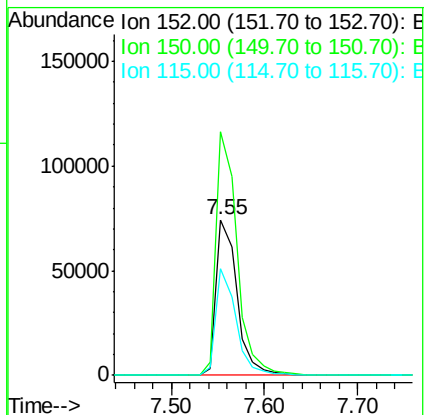
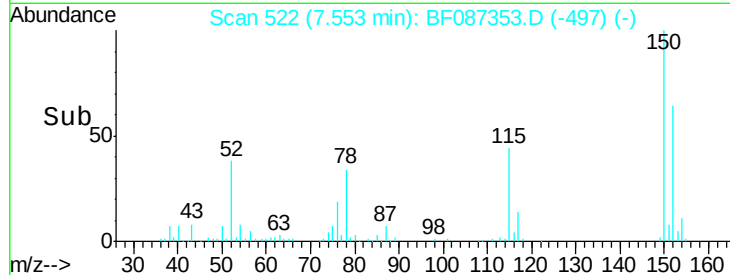
115 68.3 51.5 77.3



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: 147.29 ng

RT: 5.48 min Scan# 341

Delta R.T. 0.02 min

Lab File: BF087353.D

Acq: 24 May 2016 23:42

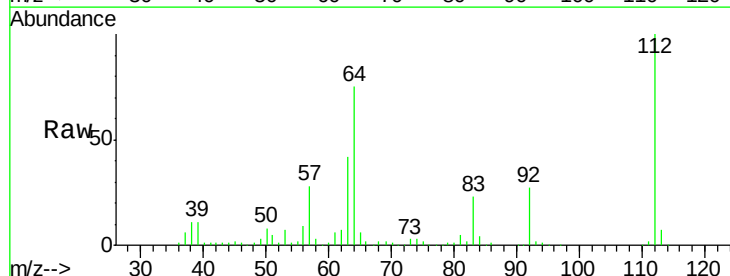
Tgt Ion:112 Resp: 971215

Ion Ratio Lower Upper

112 100

64 75.5 52.1 78.1

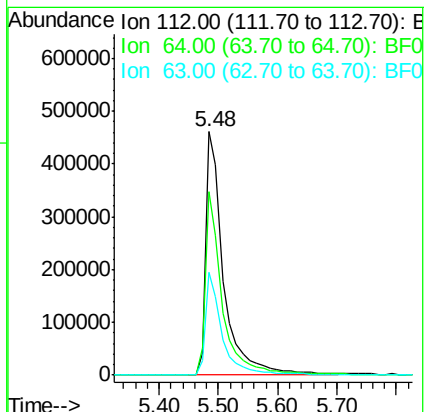
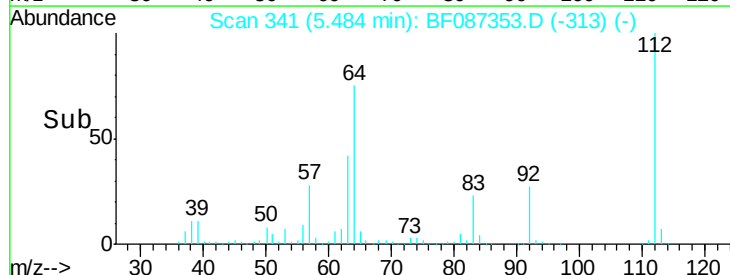
63 42.2 25.7 38.5

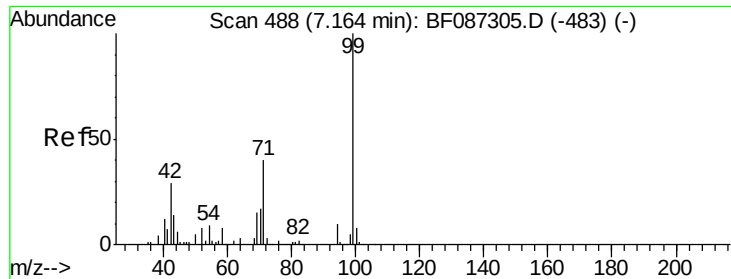


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 143.33 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF087353.D

Acq: 24 May 2016 23:42

Instrument :

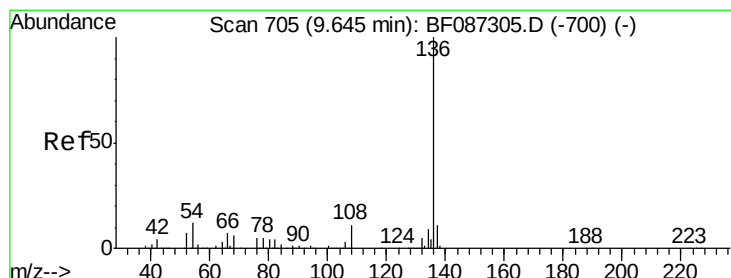
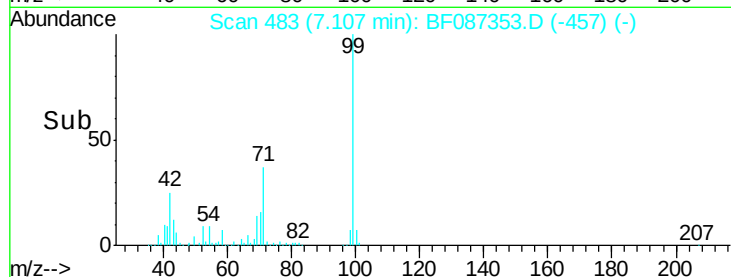
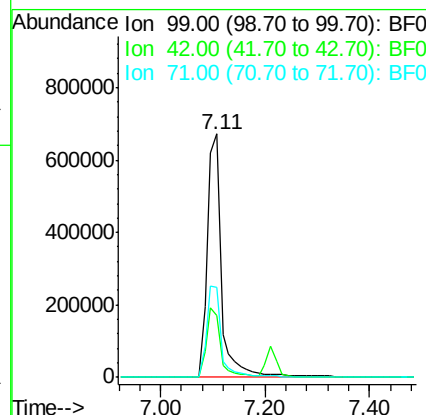
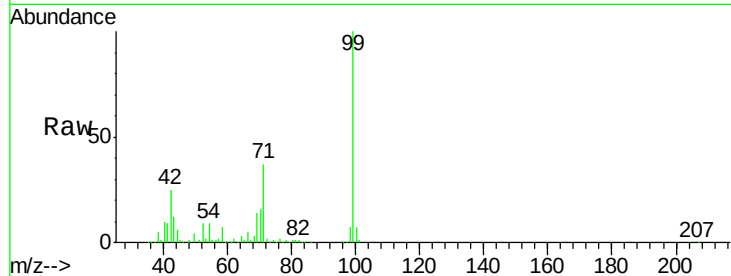
BNA_F

ClientSampleId :

CHS-STA-1711(0-4)

Tot Ion: 99 Resp: 1277094

Ion	Ratio	Lower	Upper
99	100		
42	25.4	13.6	20.4#
71	36.8	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.59 min Scan# 700

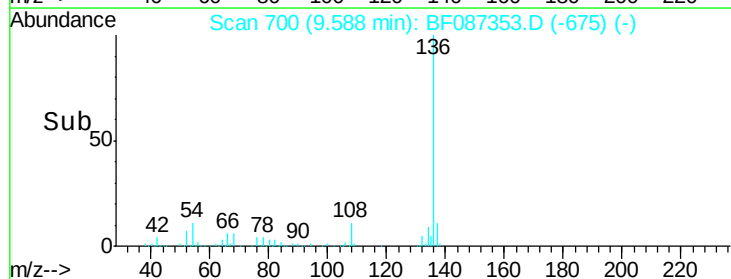
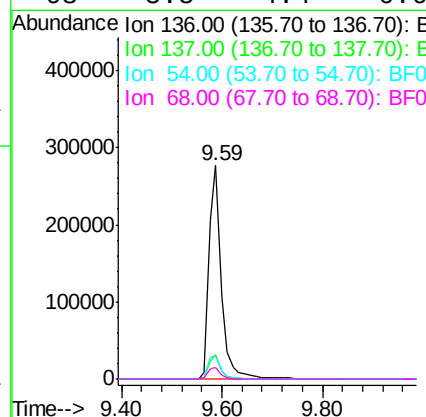
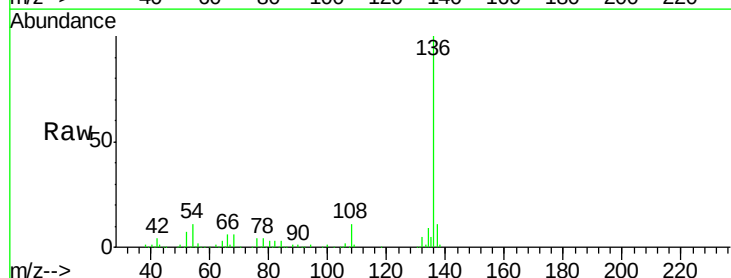
Delta R.T. -0.01 min

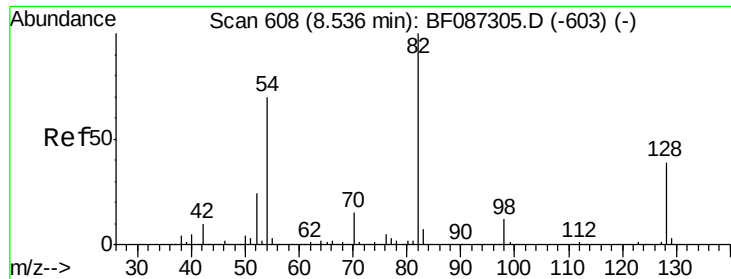
Lab File: BF087353.D

Acq: 24 May 2016 23:42

Tgt Ion: 136 Resp: 468398

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.9	5.0	7.4#
68	5.5	4.4	6.6

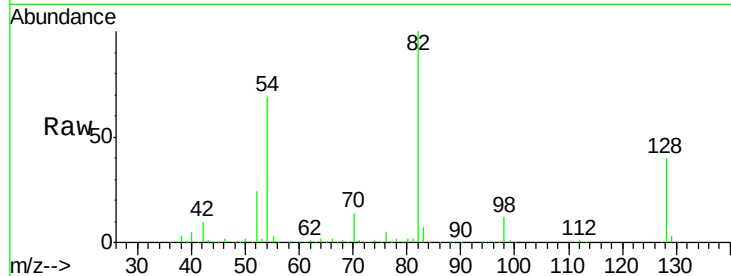




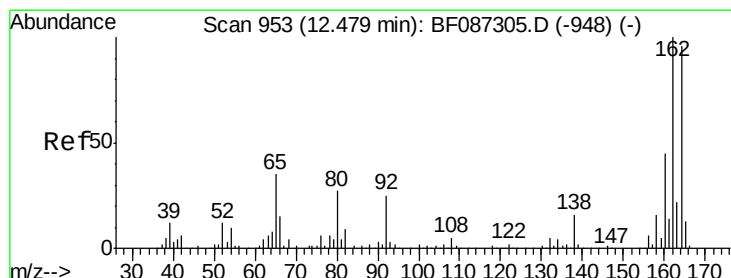
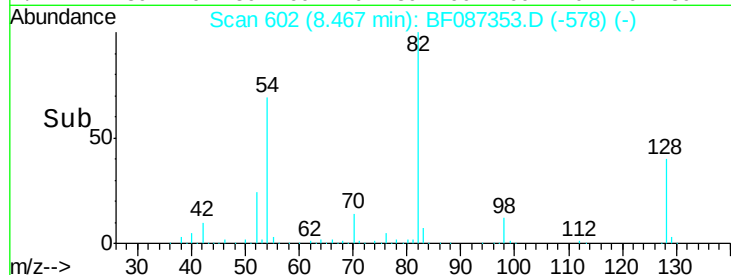
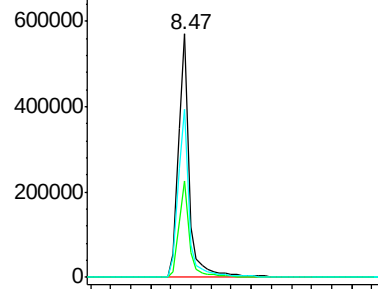
#23
 Nitrobenzene-d5
 Concen: 93.02 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF087353.D
 Acq: 24 May 2016 23:42

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)

Tot Ion: 82 Resp: 864482
 Ion Ratio Lower Upper
 82 100
 128 39.6 40.6 61.0#
 54 68.8 38.1 57.1#

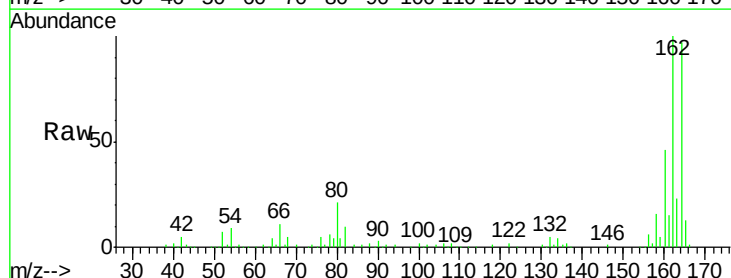


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

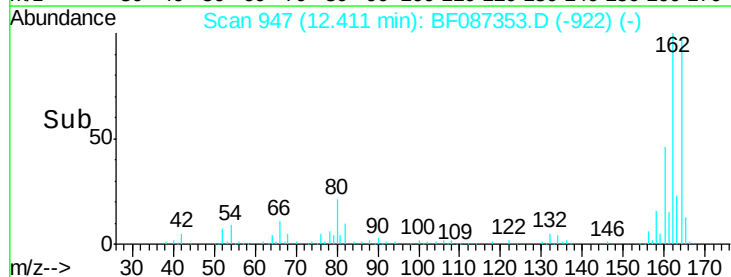
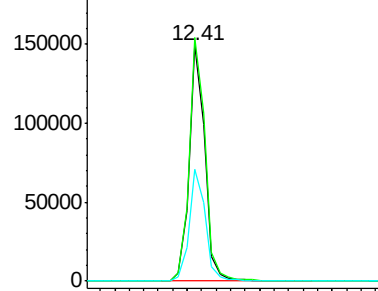


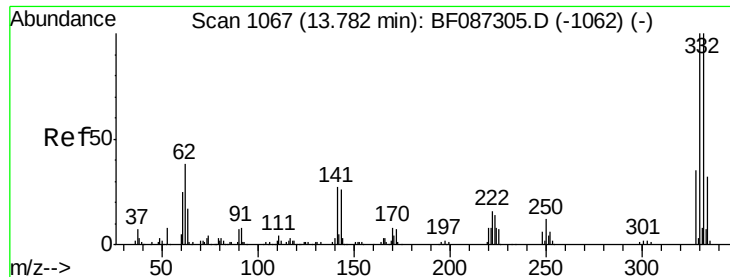
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF087353.D
 Acq: 24 May 2016 23:42

Tgt Ion: 164 Resp: 222590
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.8 124.2
 160 47.4 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: 156.29 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF087353.D

Acq: 24 May 2016 23:42

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)

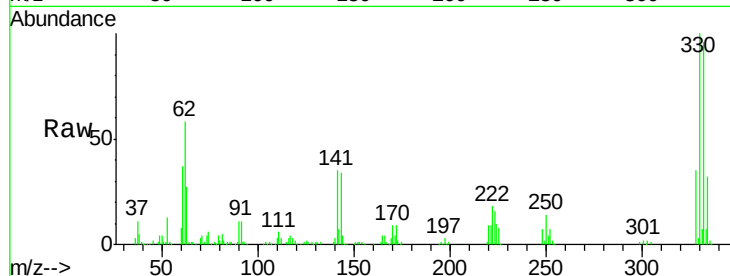
Tot Ion:330 Resp: 334319

Ion Ratio Lower Upper

330 100

332 96.4 79.0 118.4

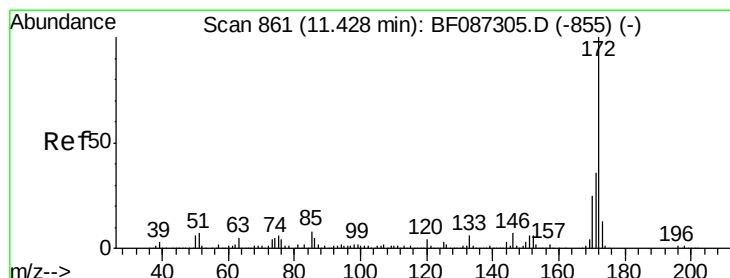
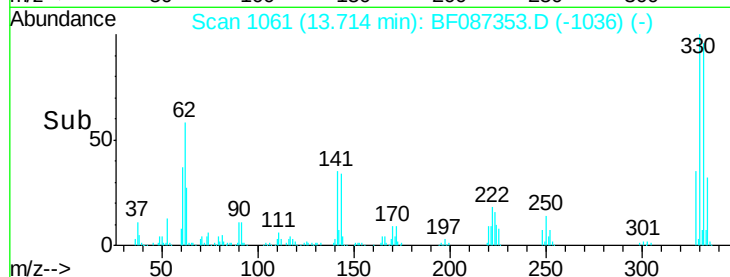
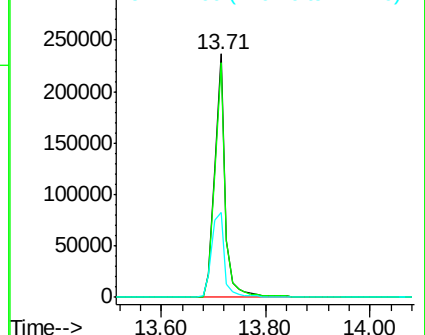
141 43.5 31.2 46.8



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: 93.78 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF087353.D

Acq: 24 May 2016 23:42

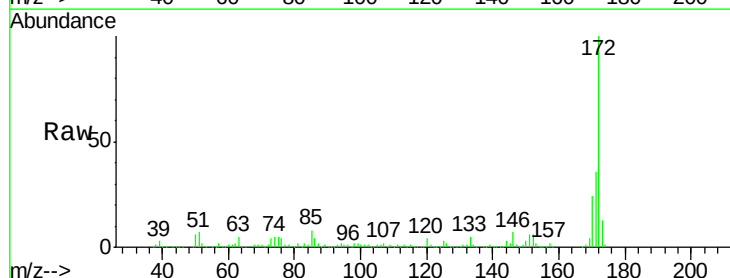
Tgt Ion:172 Resp: 1480658

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

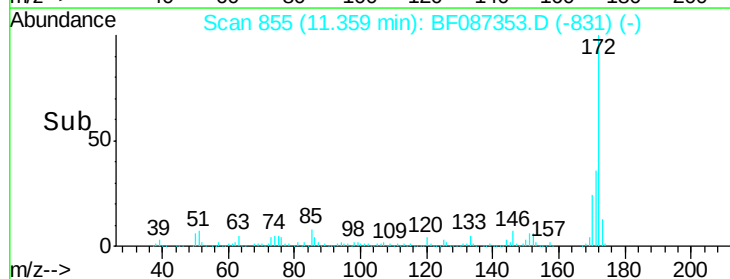
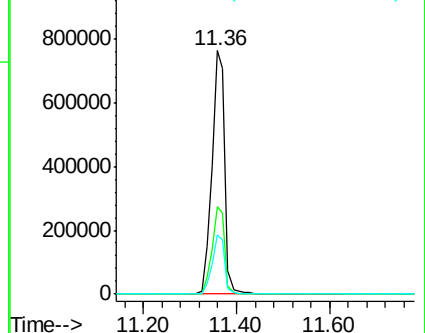
170 24.4 19.8 29.8

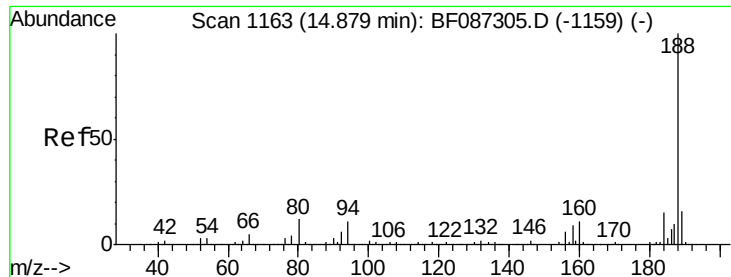


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

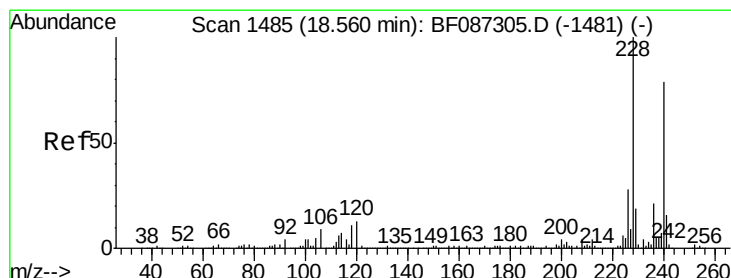
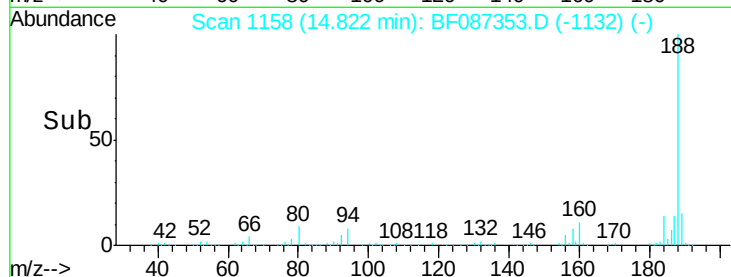
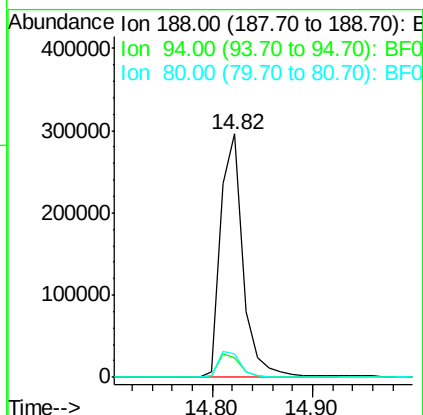
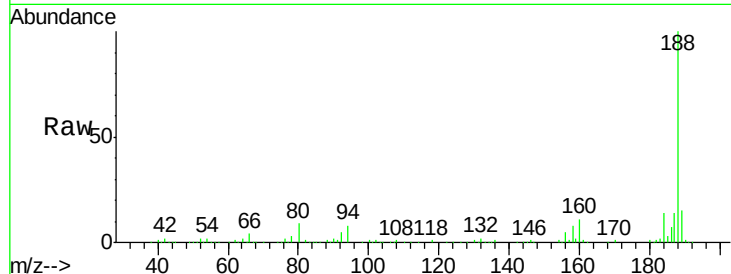




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF087353.D
Acq: 24 May 2016 23:42

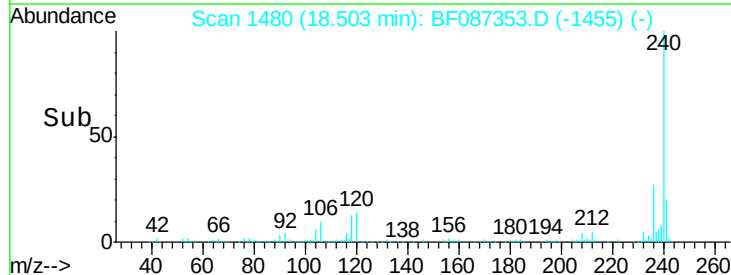
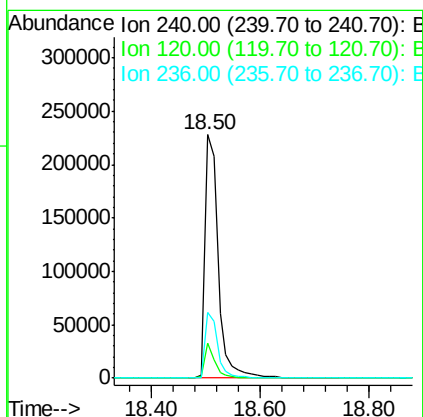
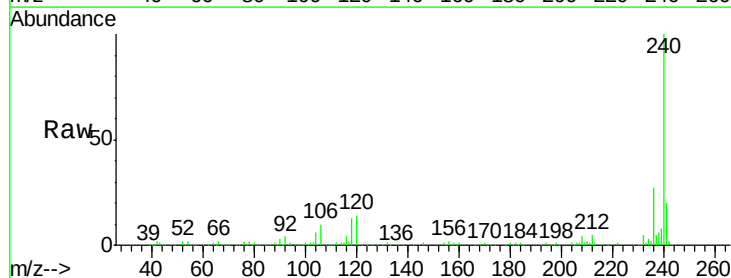
Instrument :
BNA_F
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CHS-STA-1711(0-4)

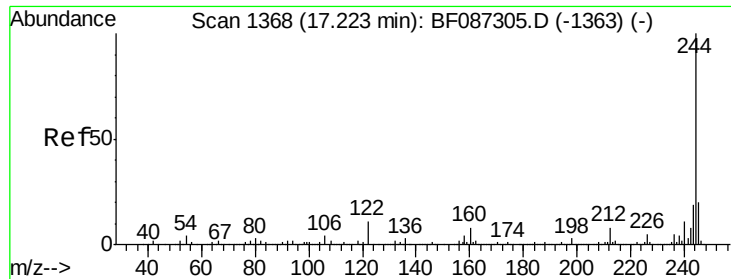
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.8	10.2
80	9.5	7.1	10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF087353.D
Acq: 24 May 2016 23:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	11.2	16.8
236	26.8	21.2	31.8





#78

Terphenyl-d14

Concen: 84.10 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF087353.D

Acq: 24 May 2016 23:42

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)

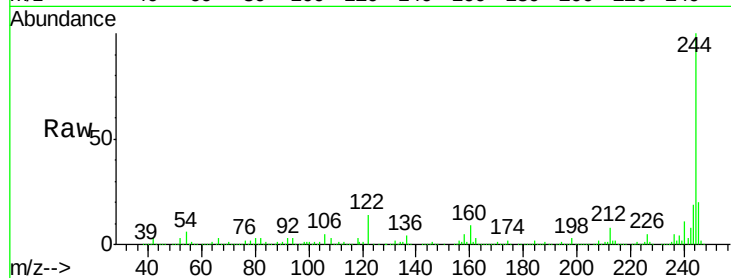
Tot Ion:244 Resp: 1516979

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

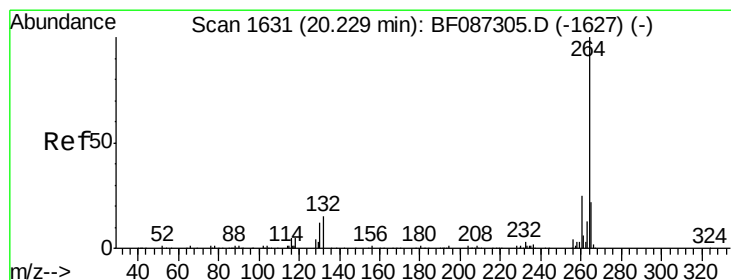
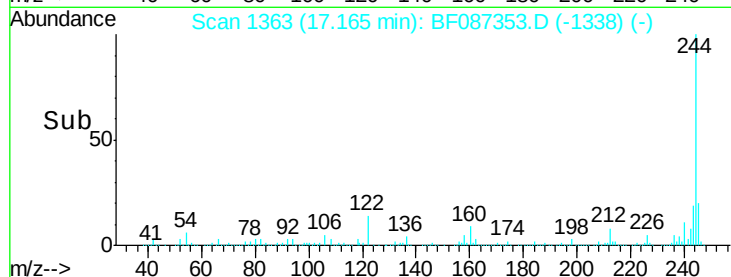
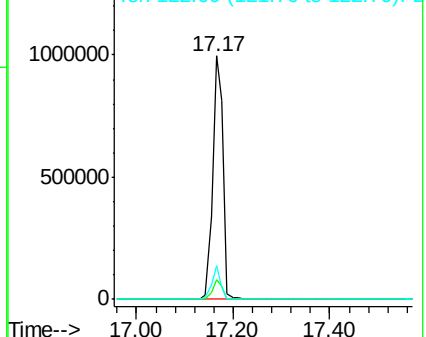
122 13.9 12.0 18.0



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: 20.18 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BF087353.D

Acq: 24 May 2016 23:42

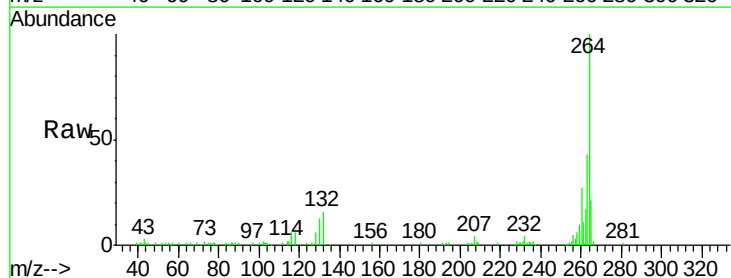
Tgt Ion:264 Resp: 122310

Ion Ratio Lower Upper

264 100

260 26.9 19.5 29.3

265 21.0 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

