

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086831.D
 Acq On : 9 May 2016 20:10
 Operator : UM/SJ
 Sample : H2880-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

Quant Time: May 10 03:12:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	145310	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	603915	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	296618	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	629548	20.00	ng	0.00
75) Chrysene-d12	13.83	240	531363	20.00	ng	-0.01
86) Perylene-d12	15.21	264	439660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	736952	85.89	ng	0.01
7) Phenol-d6	6.35	99	984170	85.82	ng	-0.01
23) Nitrobenzene-d5	7.26	82	689548	57.33	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	282379	89.92	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1223680	69.33	ng	0.00
78) Terphenyl-d14	12.78	244	1288328	51.44	ng	-0.01

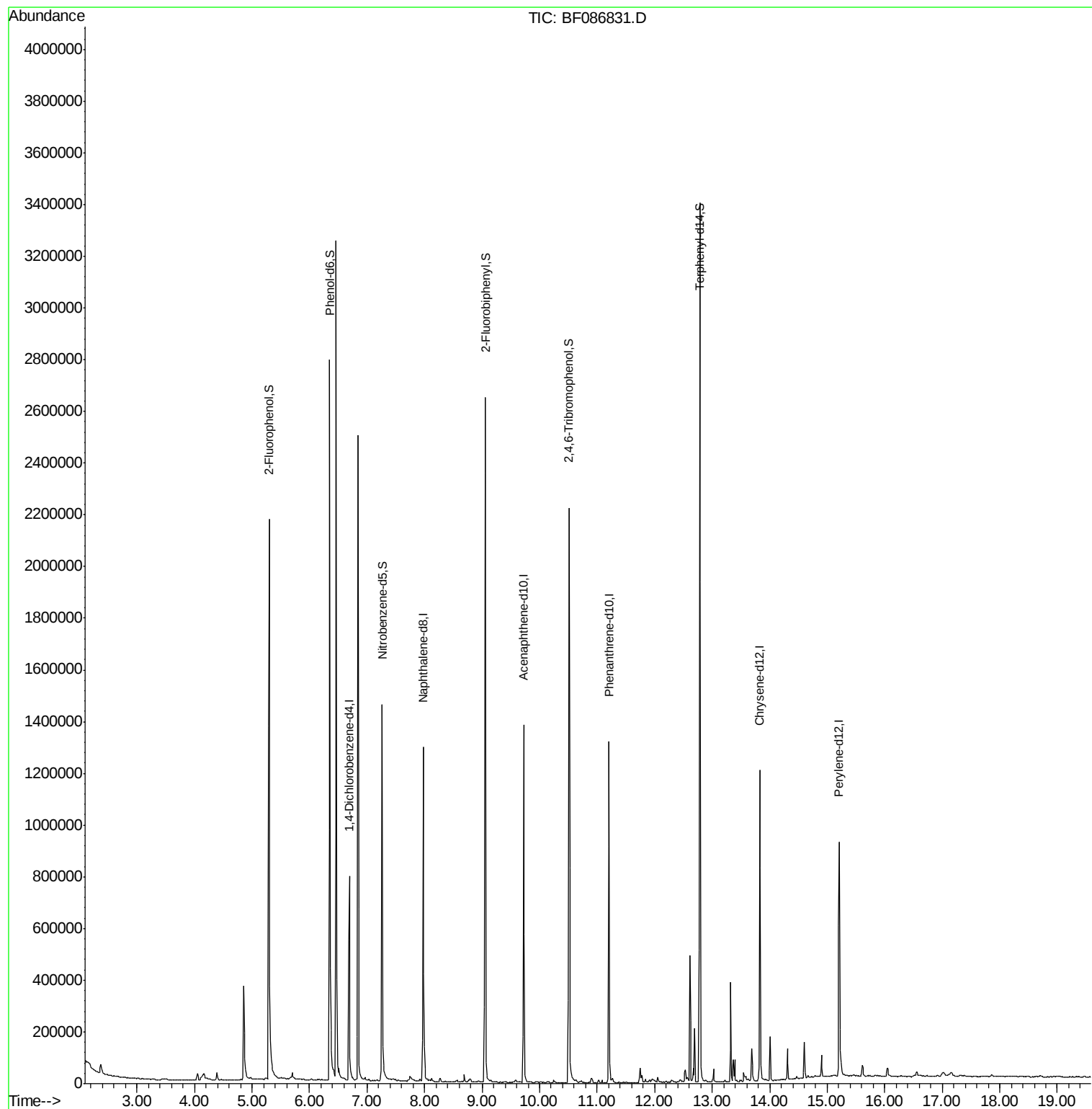
Target Compounds Qvalue

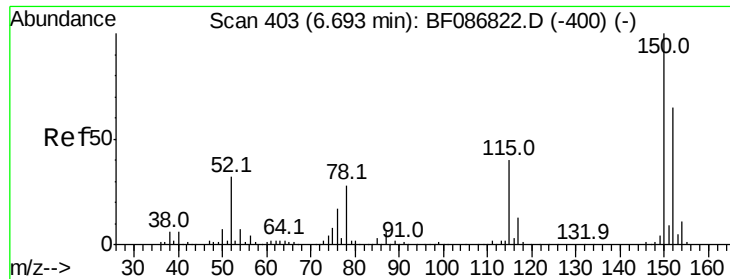
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

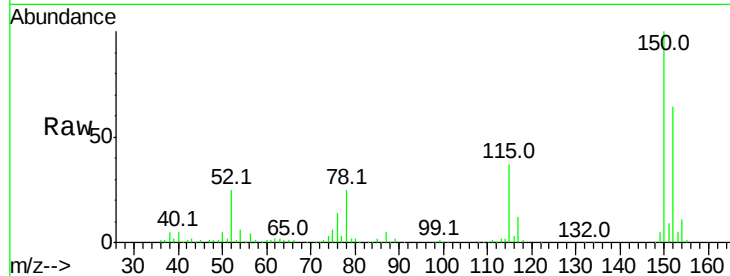
Tot Ion:152 Resp: 145310

Ion Ratio Lower Upper

152 100

150 156.8 125.8 188.6

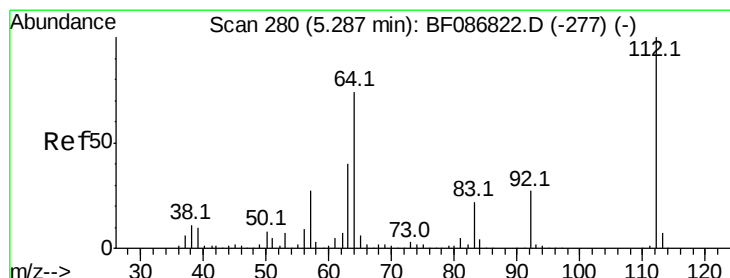
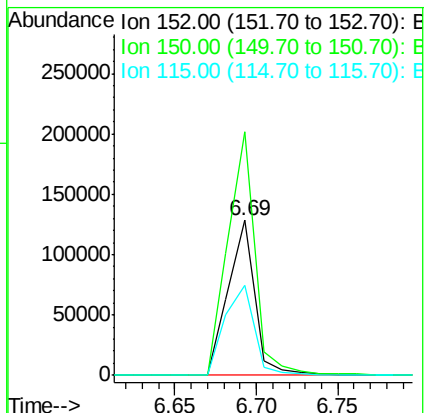
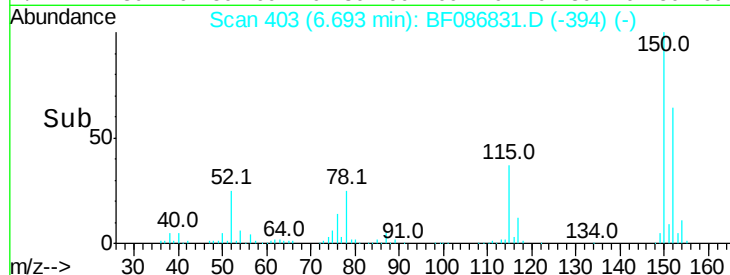
115 58.2 51.5 77.3



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: 85.89 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

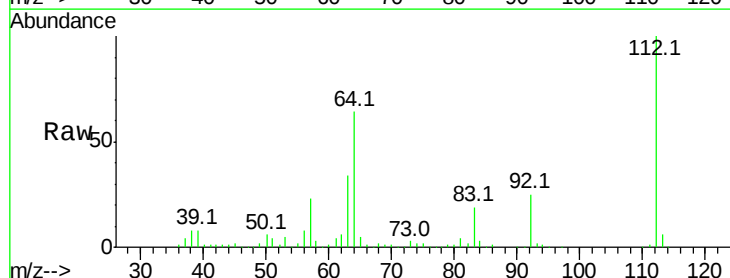
Tgt Ion:112 Resp: 736952

Ion Ratio Lower Upper

112 100

64 63.6 52.1 78.1

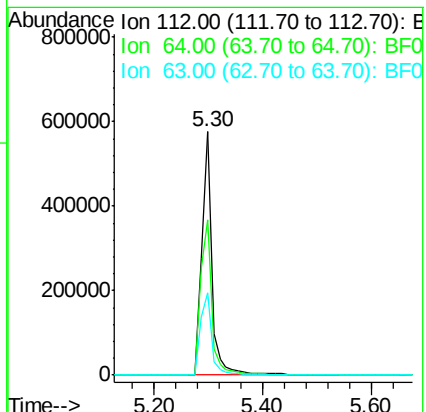
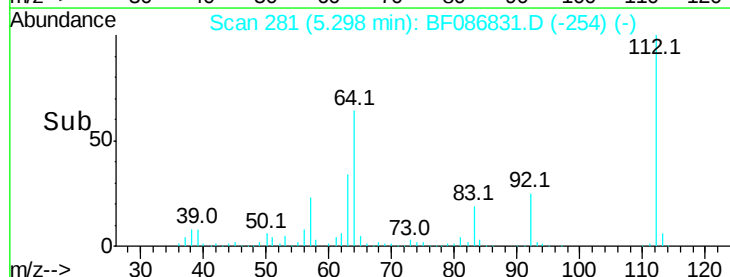
63 33.9 25.7 38.5

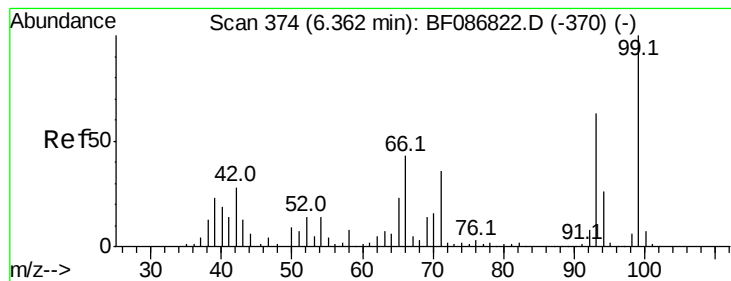


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 85.82 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

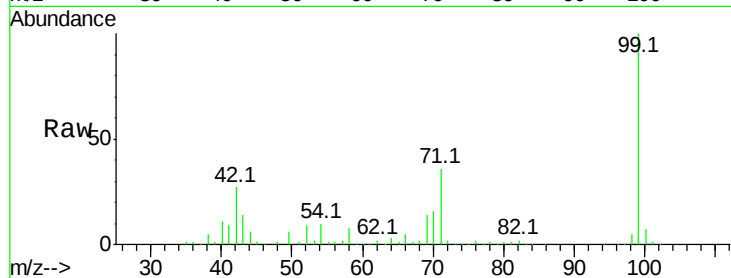
Tot Ion: 99 Resp: 984170

Ion Ratio Lower Upper

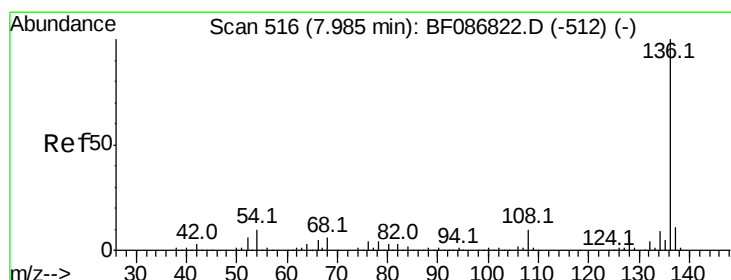
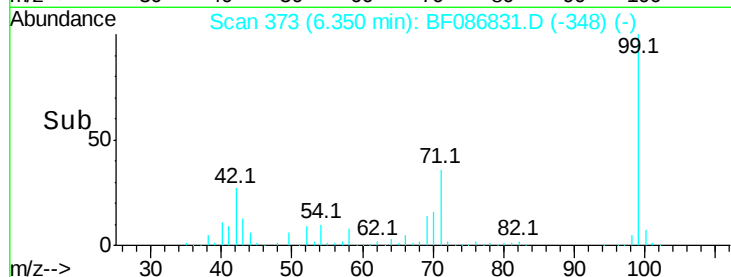
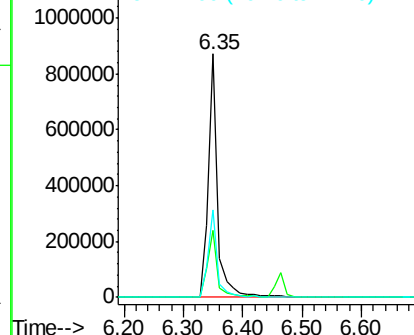
99 100

42 27.3 13.6 20.4#

71 36.1 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: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Tgt Ion: 136 Resp: 603915

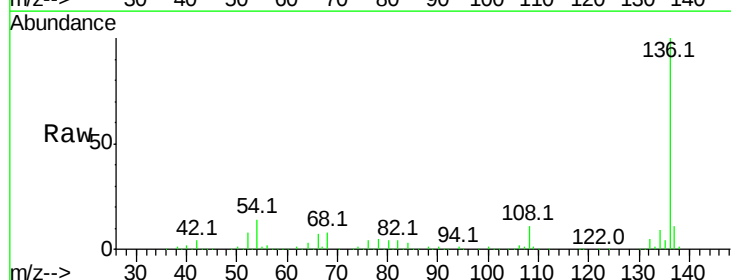
Ion Ratio Lower Upper

136 100

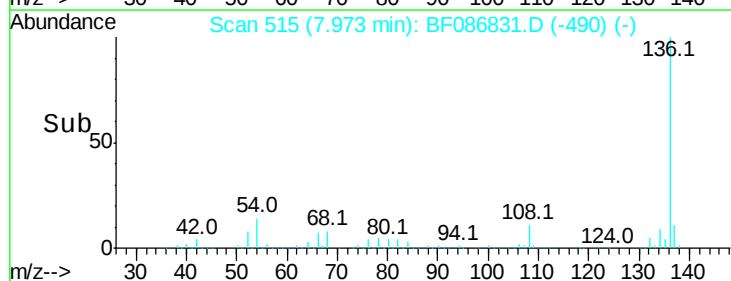
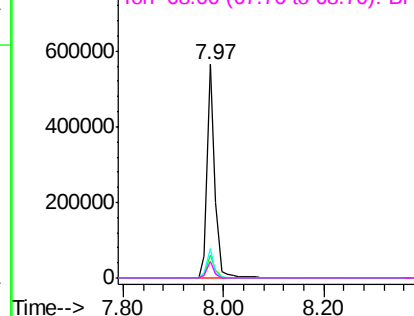
137 11.0 8.8 13.2

54 14.1 5.0 7.4#

68 7.6 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

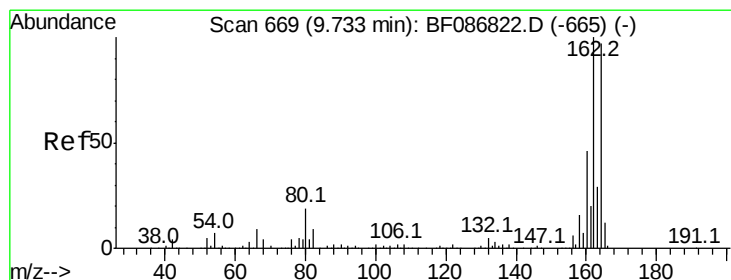
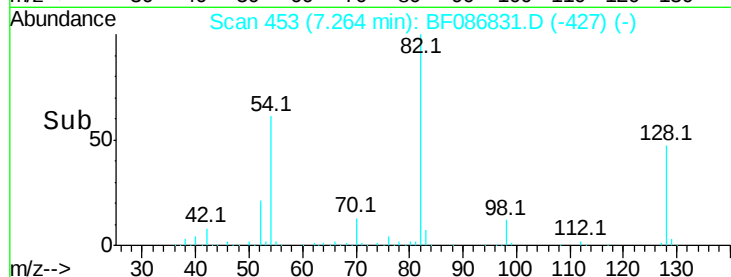
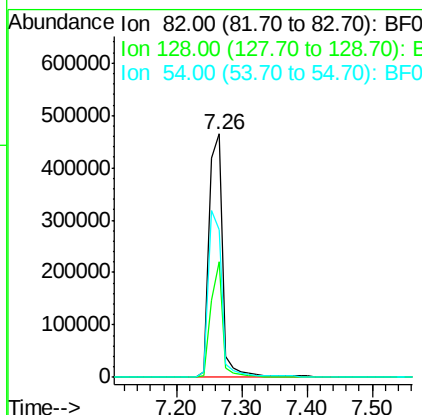
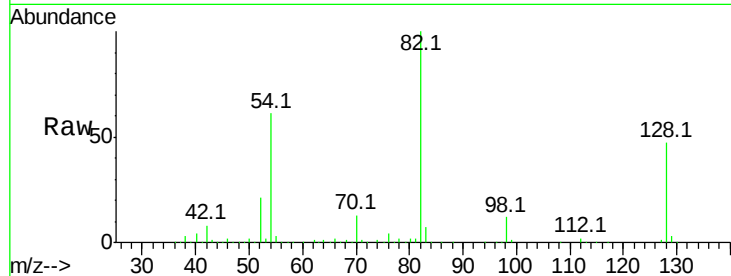




#23
 Nitrobenzene-d5
 Concen: 57.33 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

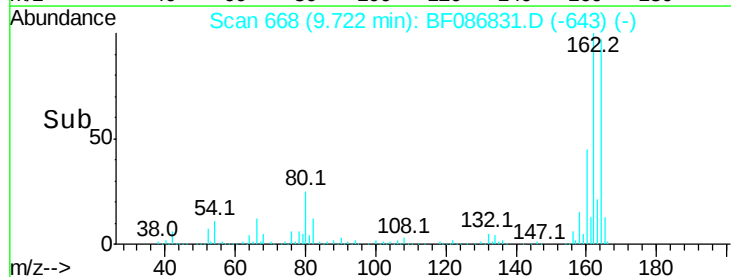
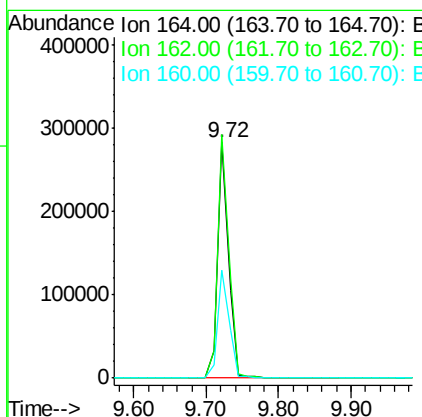
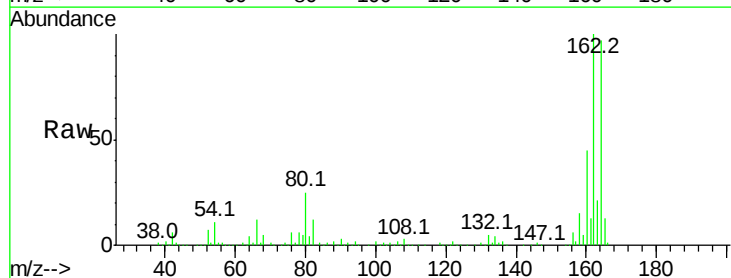
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

Tot Ion: 82 Resp: 689548
 Ion Ratio Lower Upper
 82 100
 128 47.4 40.6 61.0
 54 60.7 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

Tgt Ion: 164 Resp: 296618
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.8 124.2
 160 46.0 36.9 55.3

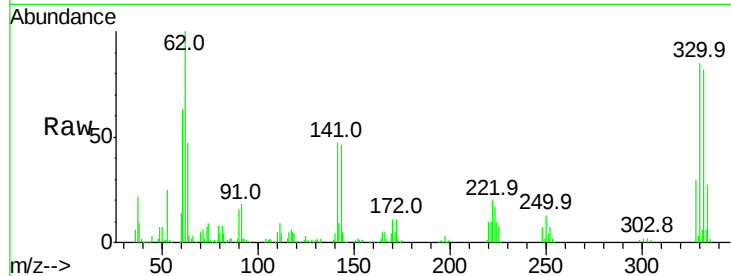




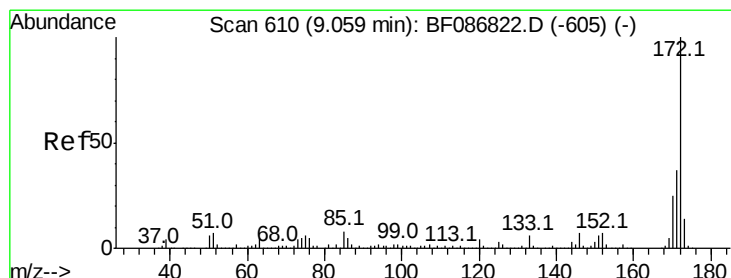
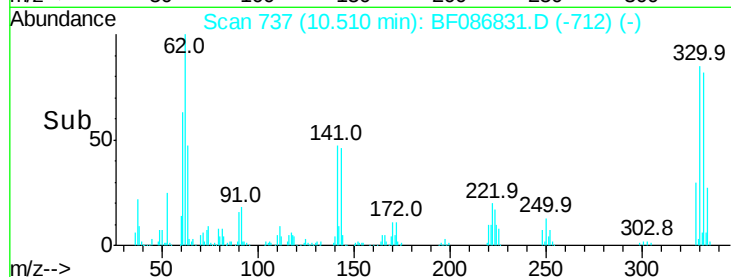
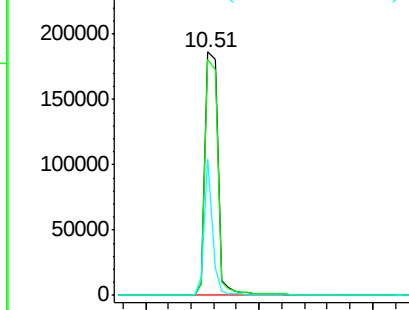
#41
 2,4,6-Tribromophenol
 Concen: 89.92 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	36.2	31.2	46.8

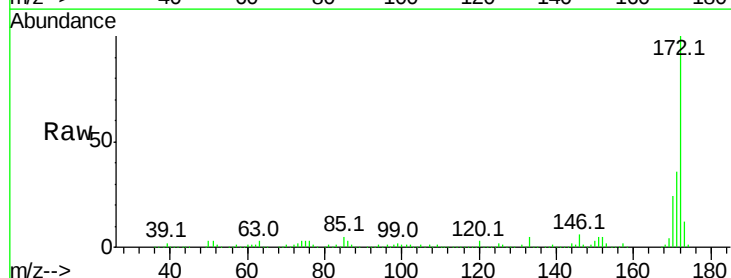


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

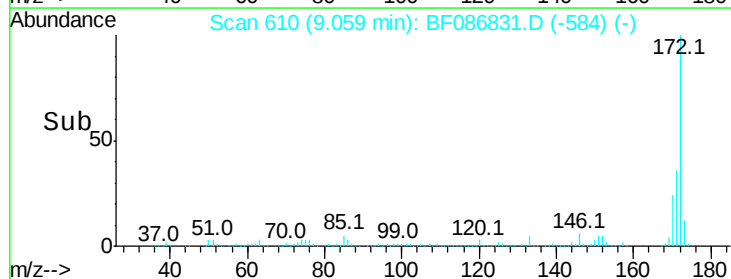
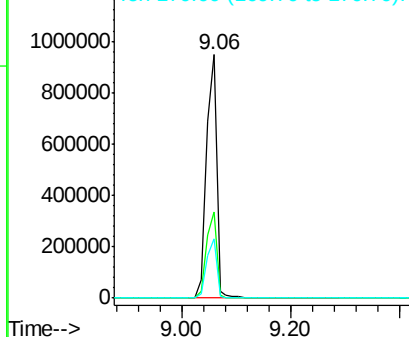


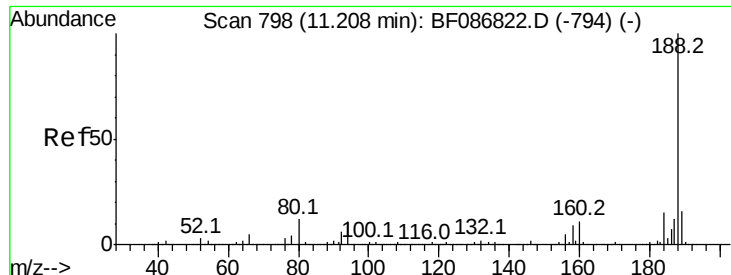
#44
 2-Fluorobiphenyl
 Concen: 69.33 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	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

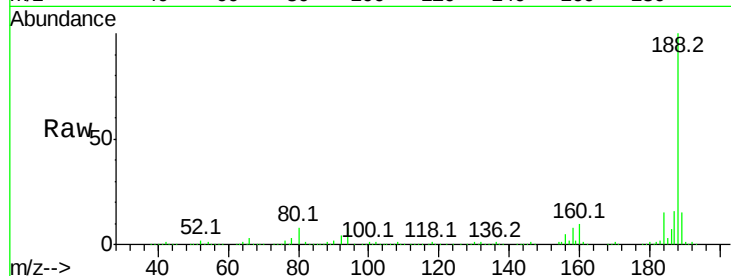




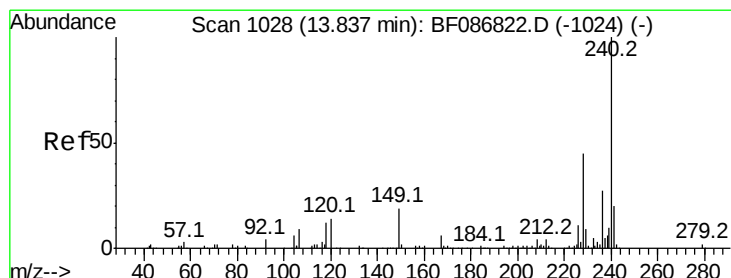
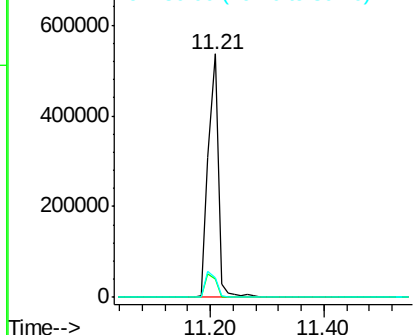
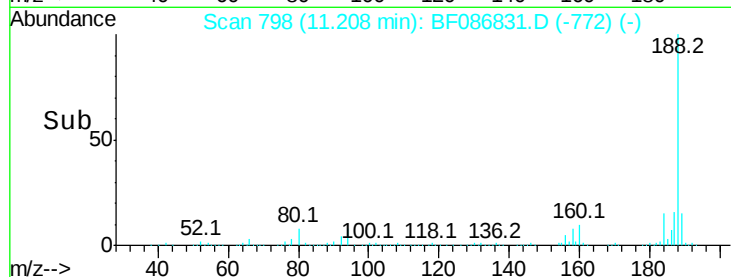
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF086831.D
Acq: 9 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
HSR-WC-42-050416

Tot Ion:188 Resp: 629548
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 7.9 7.1 10.7

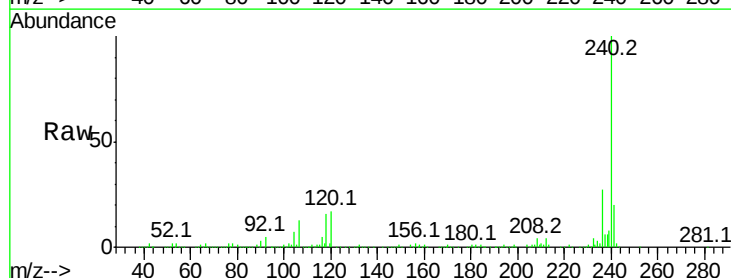


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

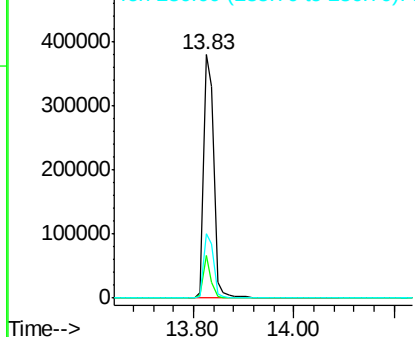
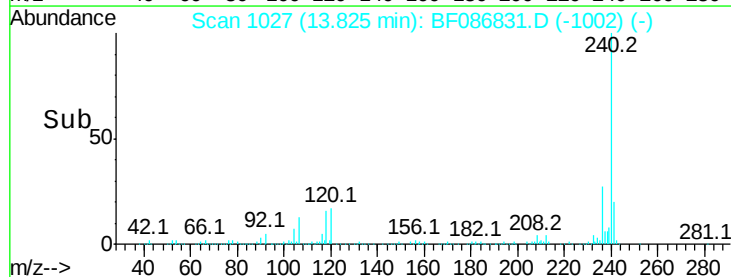


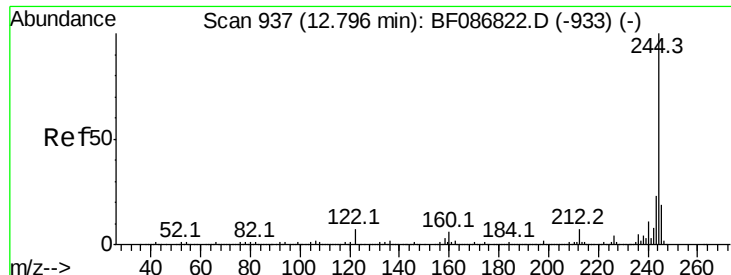
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF086831.D
Acq: 9 May 2016 20:10

Tgt Ion:240 Resp: 531363
Ion Ratio Lower Upper
240 100
120 17.3 11.2 16.8#
236 26.6 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



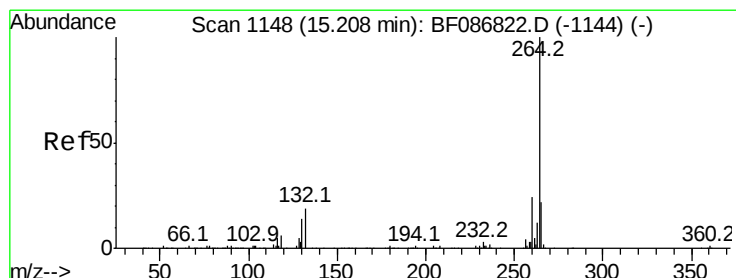
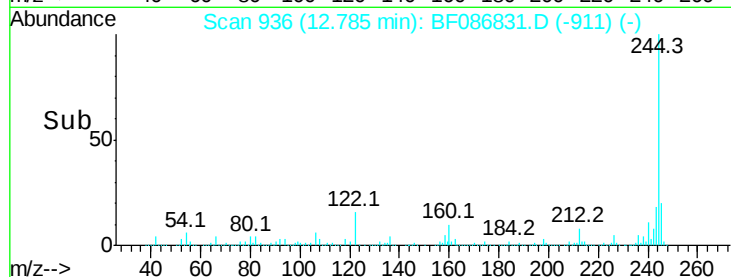
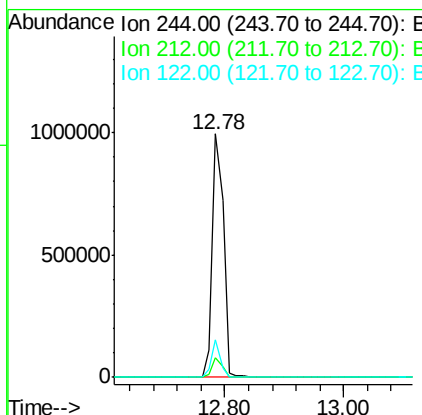
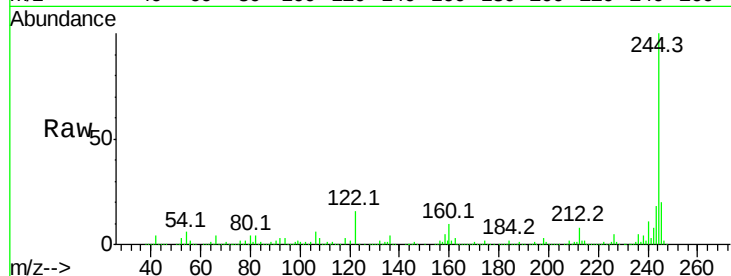


#78
 Terphenyl-d14
 Concen: 51.44 ng
 RT: 12.78 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

Tot Ion:244 Resp: 1288328

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	15.6	12.0	18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

Tgt Ion:264 Resp: 439660

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	21.5	17.3	25.9

