

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087273.D
 Acq On : 21 May 2016 15:24
 Operator : UM/SJ
 Sample : H3212-07
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE2-1

Quant Time: May 23 01:51:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 01:29:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	127973	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	532059	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	254290	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	412835	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	274690	20.00	ng	-0.01
86) Perylene-d12	15.05	264	239690	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	500565	65.75	ng	0.01
7) Phenol-d6	6.23	99	417058	40.84	ng	0.00
23) Nitrobenzene-d5	7.14	82	1032679	96.73	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	362317	128.94	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1504286	97.97	ng	0.00
78) Terphenyl-d14	12.65	244	1000032	82.35	ng	0.00

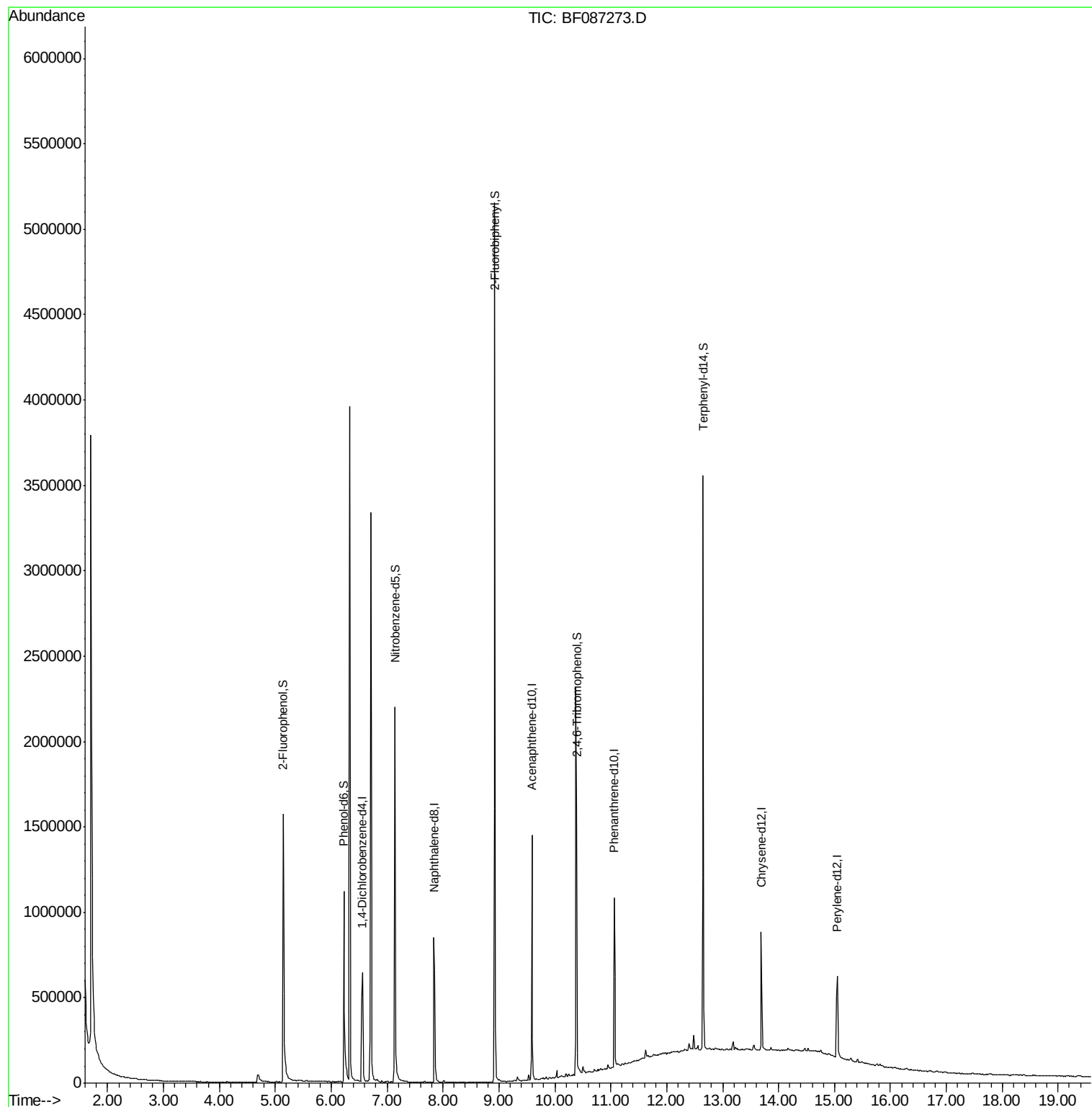
Target Compounds Qvalue

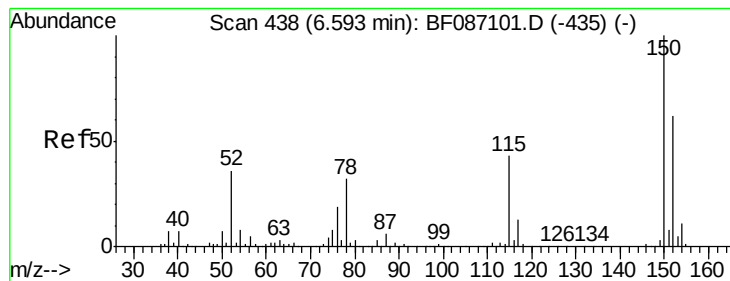
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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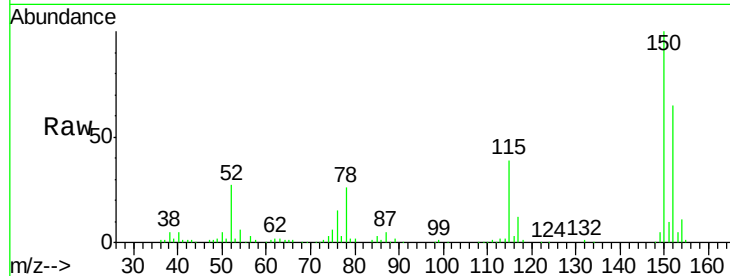


#1

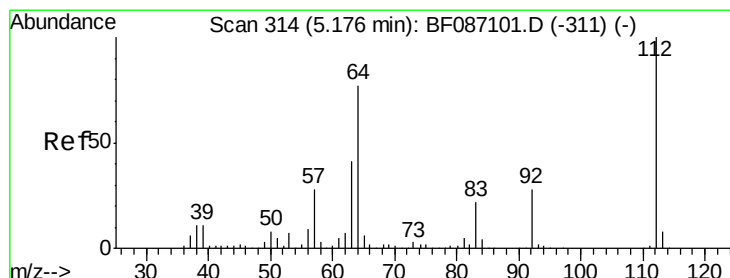
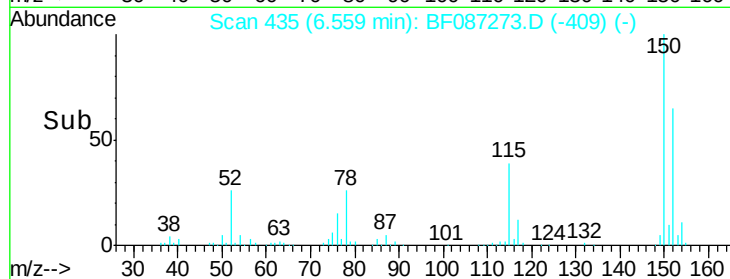
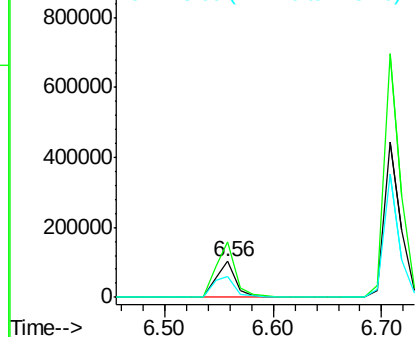
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Instrument :
BNA_F
ClientSampled :
VE2-1

Tot Ion:152 Resp: 127973
Ion Ratio Lower Upper
152 100
150 154.2 125.8 188.6
115 59.6 51.5 77.3



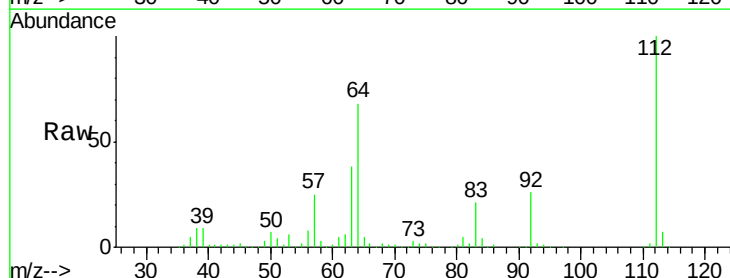
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



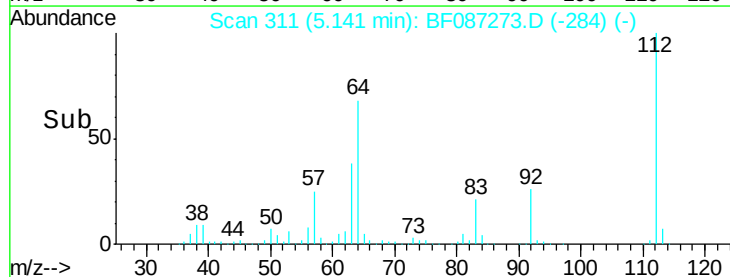
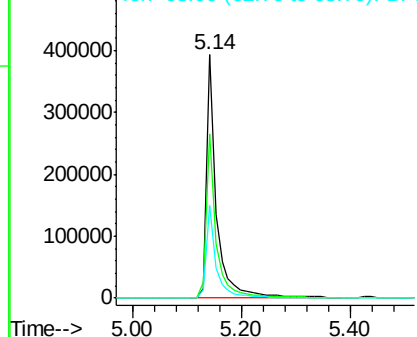
#5

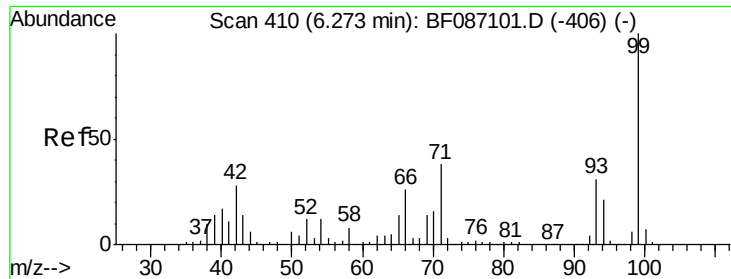
2-Fluorophenol
Concen: 65.75 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.01 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Tgt Ion:112 Resp: 500565
Ion Ratio Lower Upper
112 100
64 67.6 52.1 78.1
63 37.9 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: 40.84 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087273.D

Acq: 21 May 2016 15:24

Instrument :

BNA_F

ClientSampleId :

VE2-1

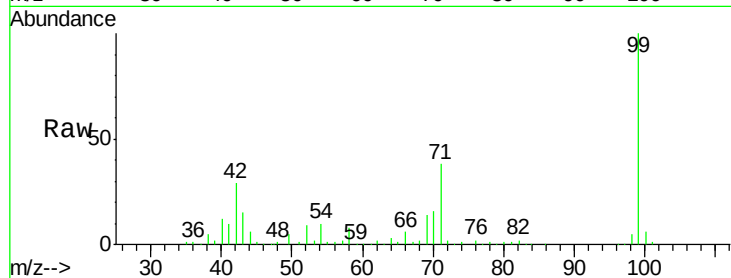
Tot Ion: 99 Resp: 417058

Ion Ratio Lower Upper

99 100

42 28.9 13.6 20.4#

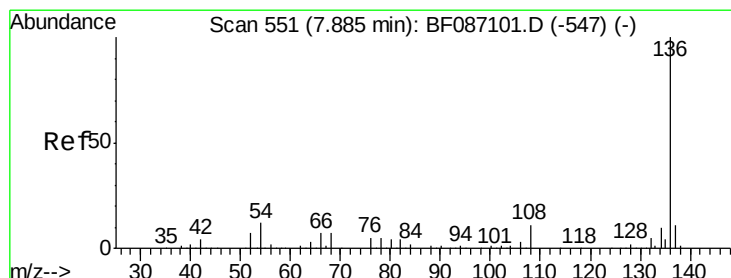
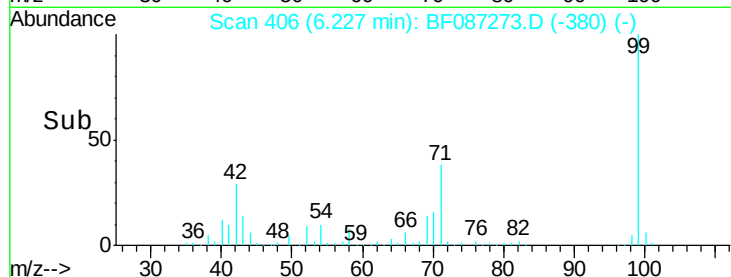
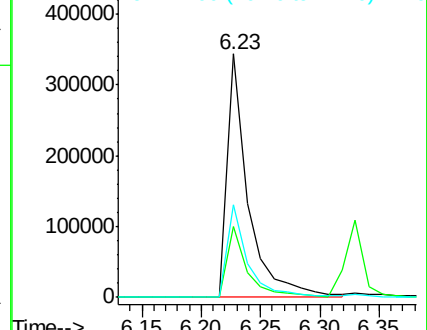
71 38.2 24.6 36.8#



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: 7.84 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF087273.D

Acq: 21 May 2016 15:24

Tgt Ion: 136 Resp: 532059

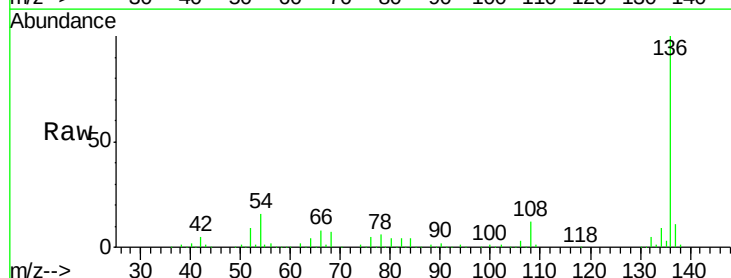
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 15.7 5.0 7.4#

68 7.4 4.4 6.6#

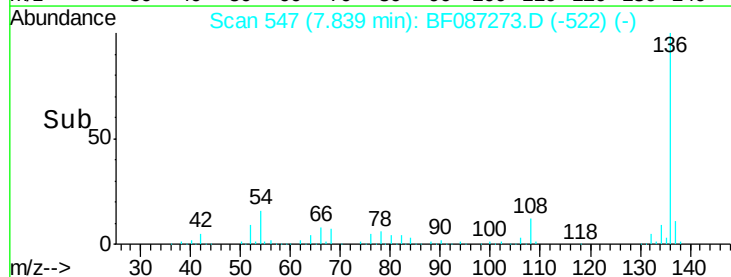
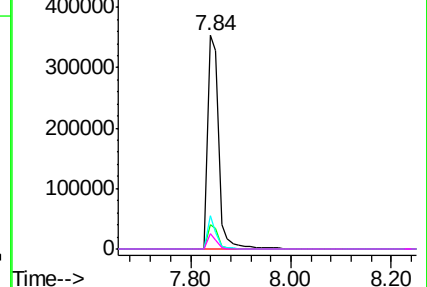


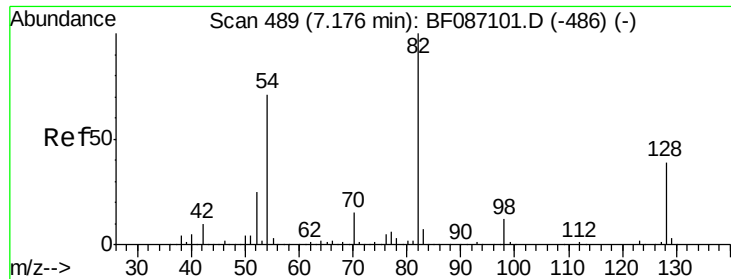
Abundance Ion 136.00 (135.70 to 136.70): E

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

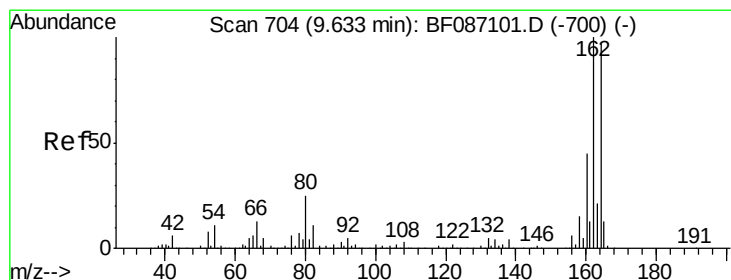
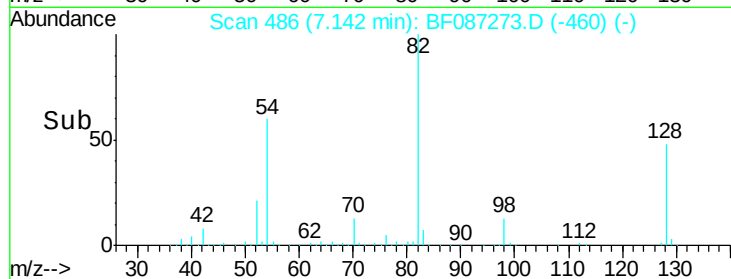
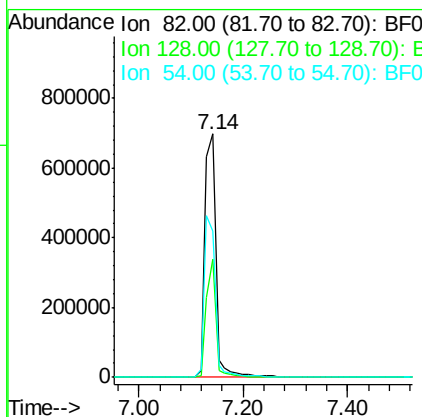
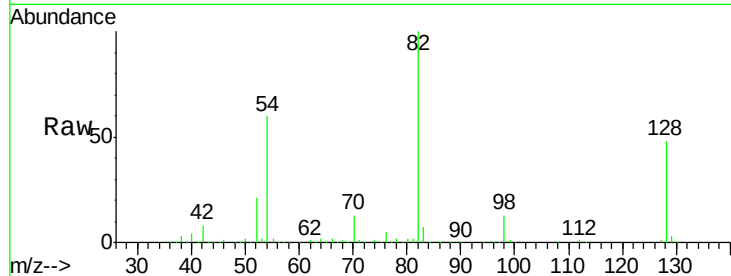




#23
 Nitrobenzene-d5
 Concen: 96.73 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF087273.D
 Acq: 21 May 2016 15:24

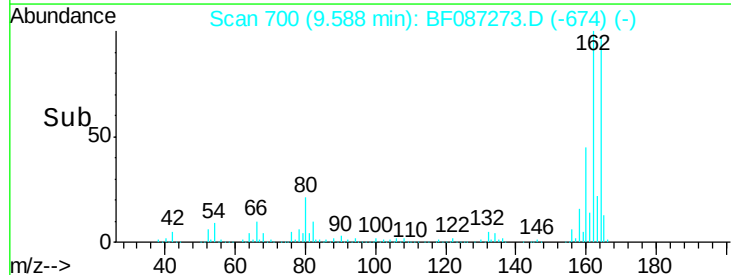
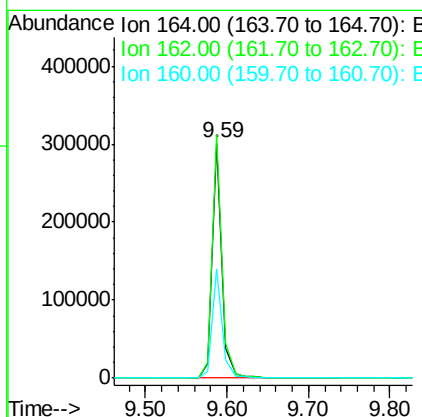
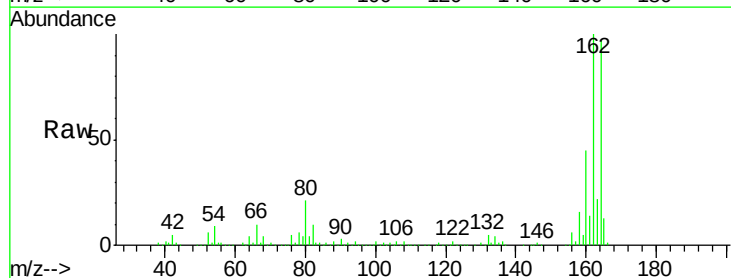
Instrument :
 BNA_F
 ClientSampled :
 VE2-1

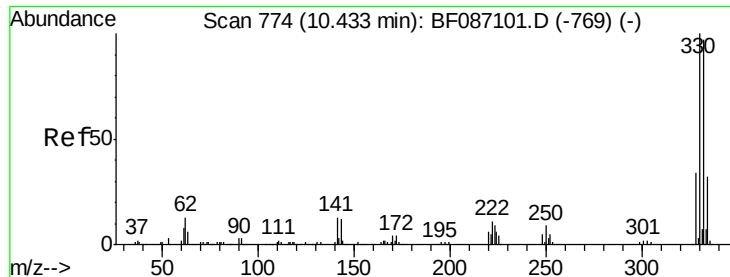
Tot Ion: 82 Resp: 1032679
 Ion Ratio Lower Upper
 82 100
 128 48.4 40.6 61.0
 54 60.0 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF087273.D
 Acq: 21 May 2016 15:24

Tgt Ion: 164 Resp: 254290
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.8 124.2
 160 46.5 36.9 55.3

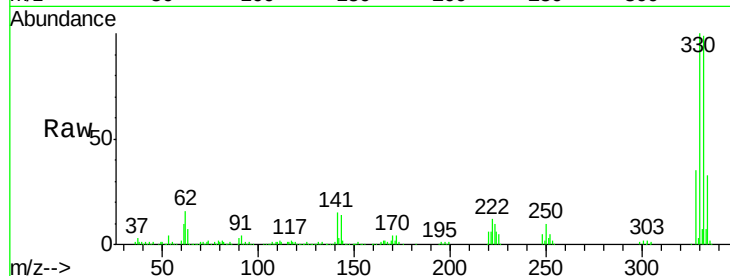




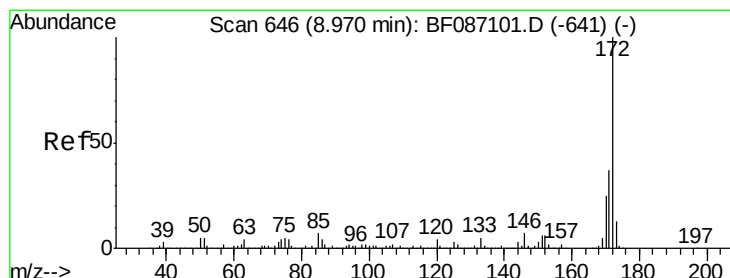
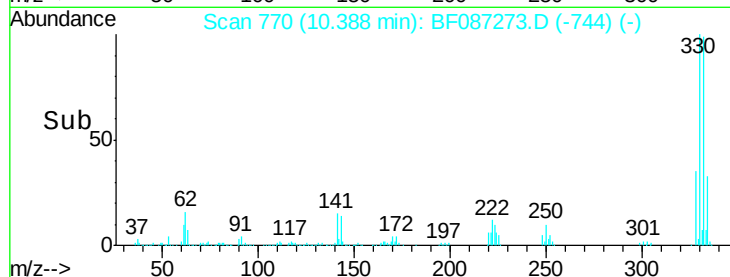
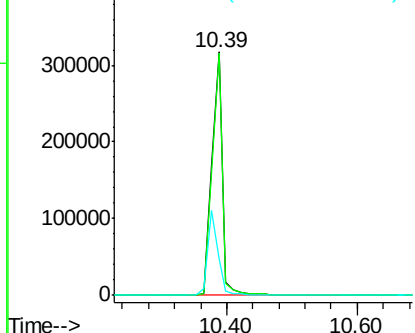
#41
 2,4,6-Tribromophenol
 Concen: 128.94 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF087273.D
 Acq: 21 May 2016 15:24

Instrument :
 BNA_F
 ClientSampleId :
 VE2-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.0	118.4
141	33.9	31.2	46.8

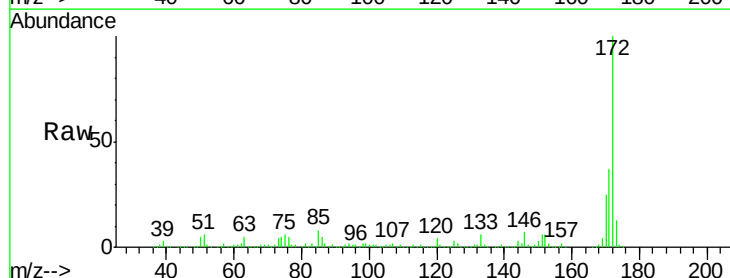


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

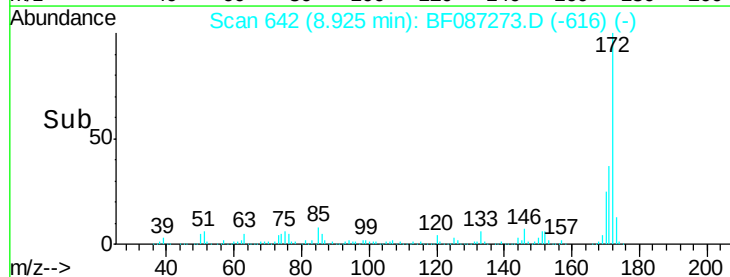
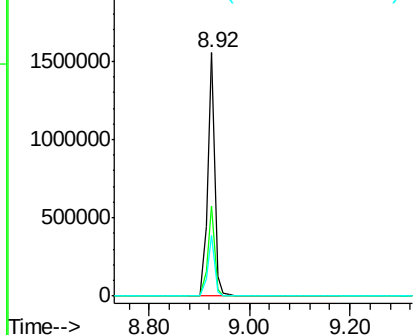


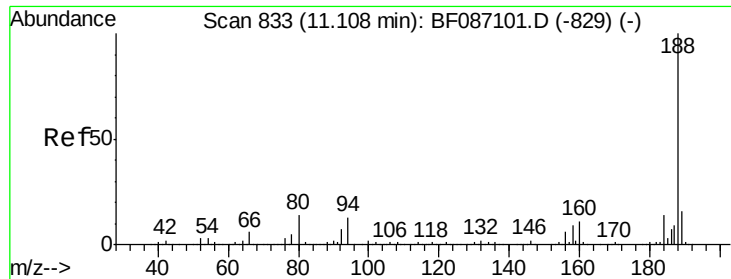
#44
 2-Fluorobiphenyl
 Concen: 97.97 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087273.D
 Acq: 21 May 2016 15:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.9	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

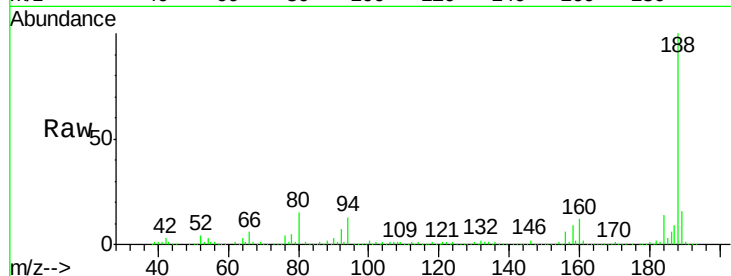




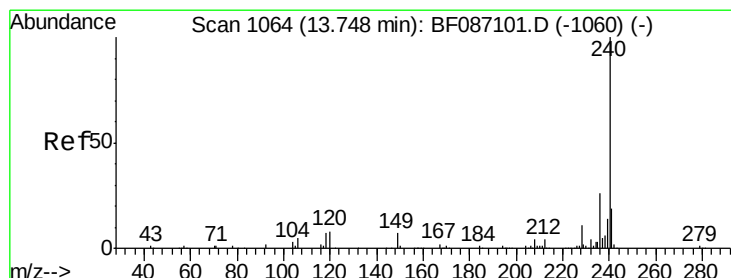
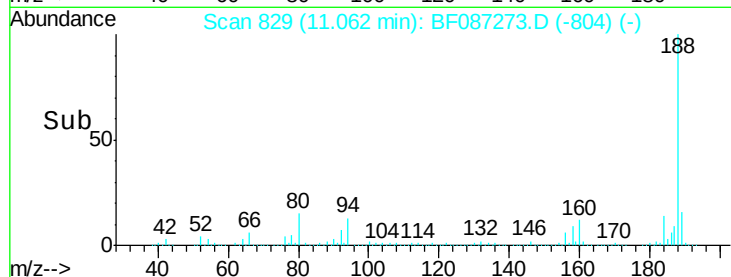
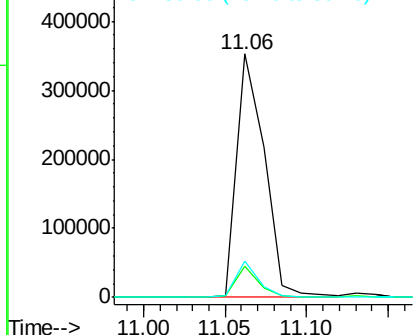
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Instrument :
BNA_F
ClientSampleId :
VE2-1

Tot Ion:188 Resp: 412835
Ion Ratio Lower Upper
188 100
94 12.8 6.8 10.2#
80 14.8 7.1 10.7#

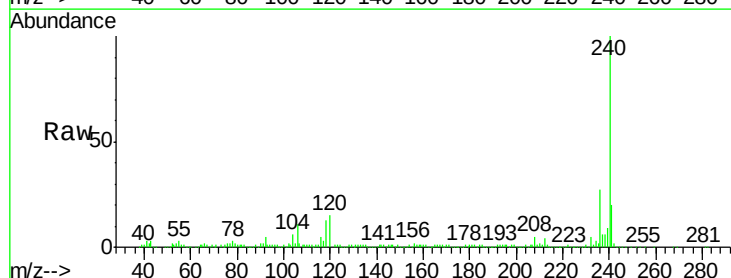


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

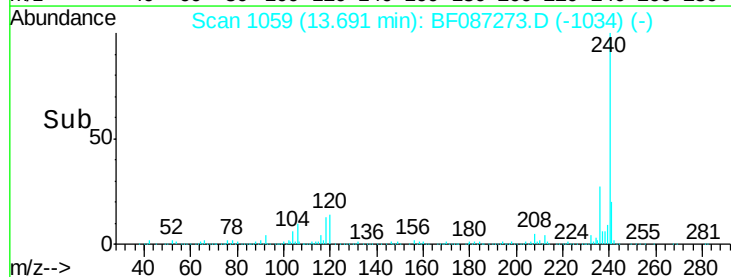
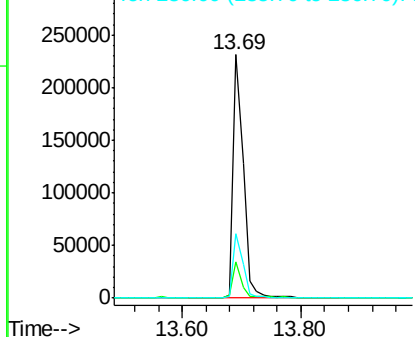


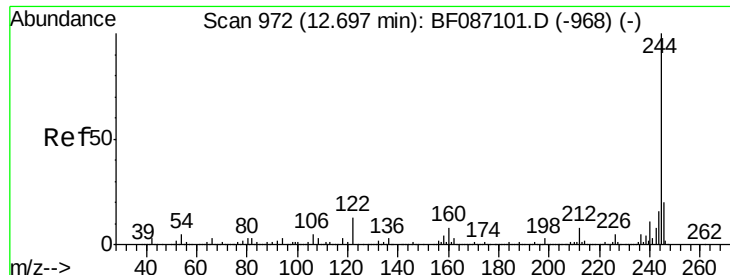
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Tgt Ion:240 Resp: 274690
Ion Ratio Lower Upper
240 100
120 14.7 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



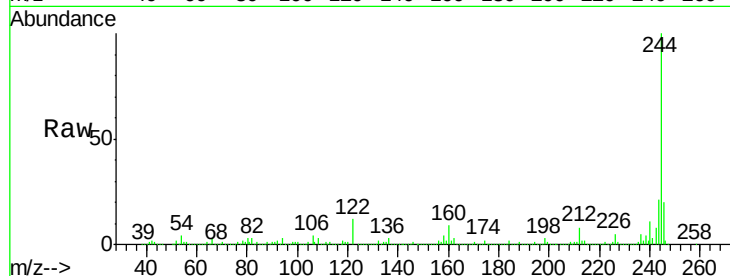


#78
 Terphenyl-d14
 Concen: 82.35 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF087273.D
 Acq: 21 May 2016 15:24

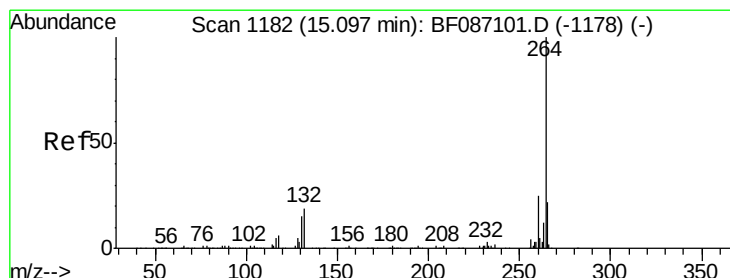
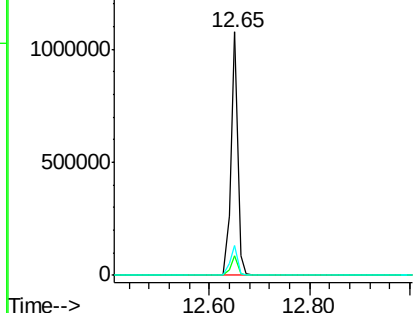
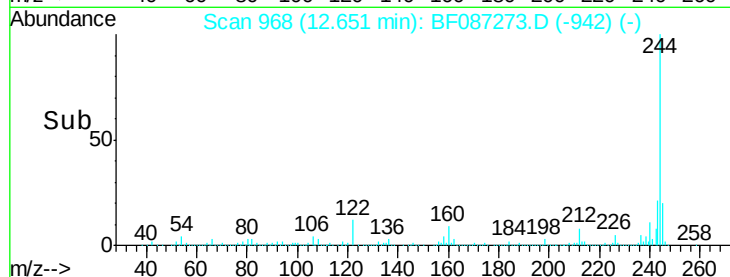
Instrument :
 BNA_F
 ClientSampled :
 VE2-1

Tot Ion:244 Resp: 1000032

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	12.1	12.0	18.0



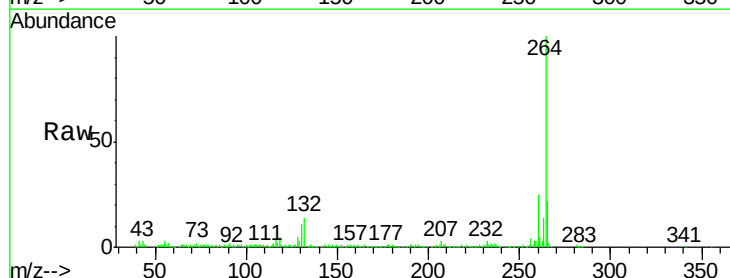
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF087273.D
 Acq: 21 May 2016 15:24

Tgt Ion:264 Resp: 239690

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.7	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

