

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087272.D
 Acq On : 21 May 2016 14:55
 Operator : UM/SJ
 Sample : H3212-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE4-11

Quant Time: May 23 01:47:55 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

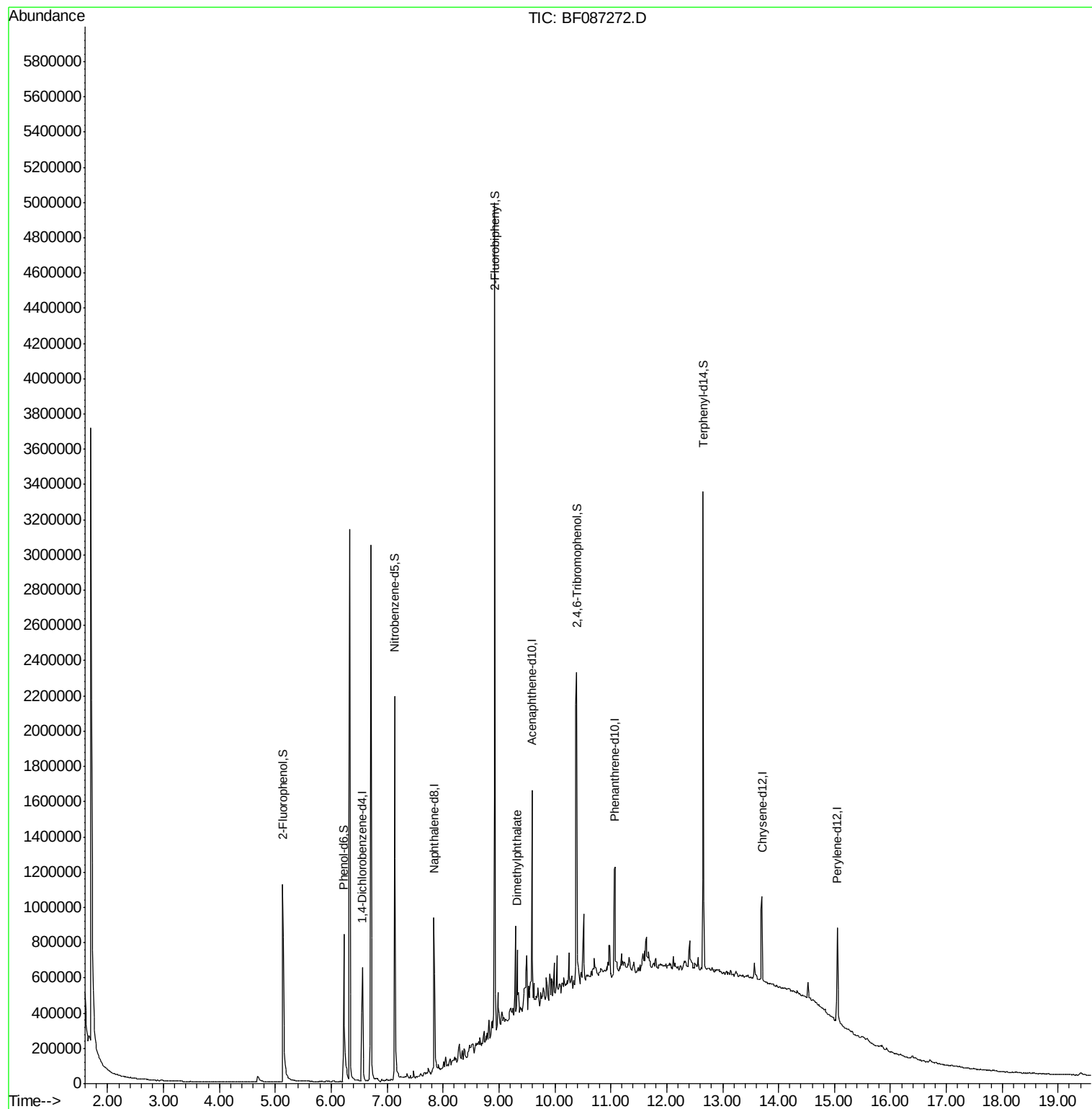
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	119356	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	481643	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	209563	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	332008	20.00	ng	0.00
75) Chrysene-d12	13.70	240	233976	20.00	ng	0.00
86) Perylene-d12	15.05	264	224422	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	474347	66.80	ng	0.00
7) Phenol-d6	6.23	99	372799	39.14	ng	0.00
23) Nitrobenzene-d5	7.13	82	829544	85.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	311931	134.70	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1352806	106.91	ng	0.00
78) Terphenyl-d14	12.65	244	797913	77.14	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.32	163	56885	3.56	ng	# 98

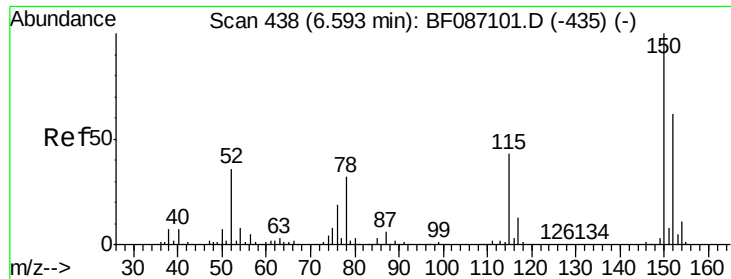
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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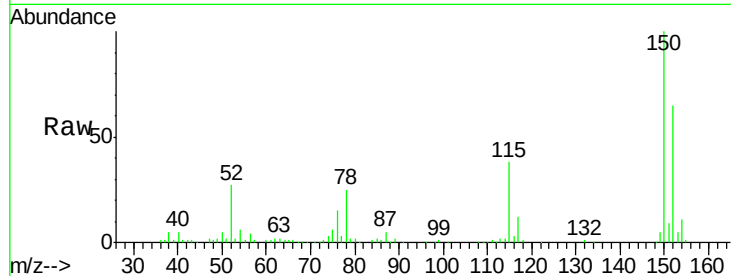


#1

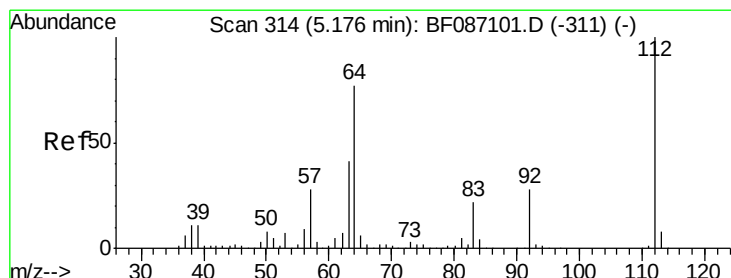
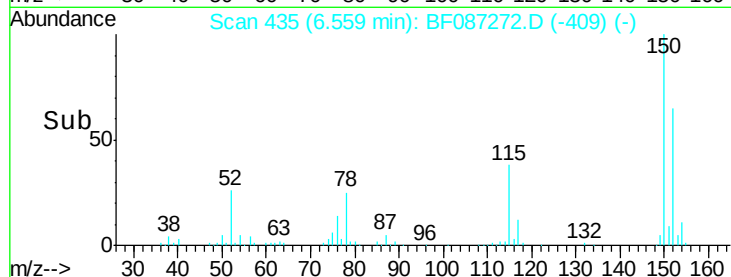
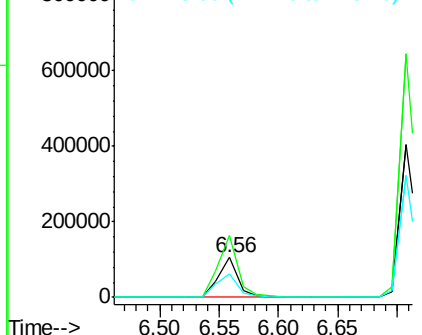
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF087272.D
Acq: 21 May 2016 14:55

Instrument :
BNA_F
ClientSampleId :
VE4-11

Tot Ion:152 Resp: 119356
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 59.2 51.5 77.3



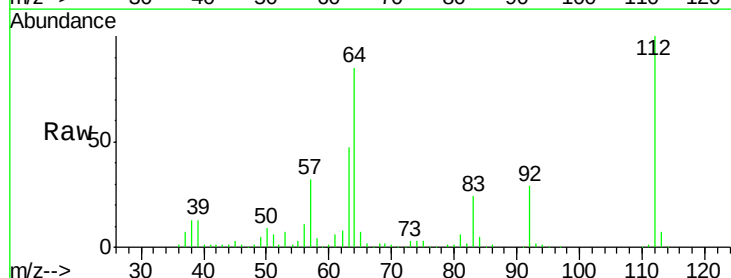
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



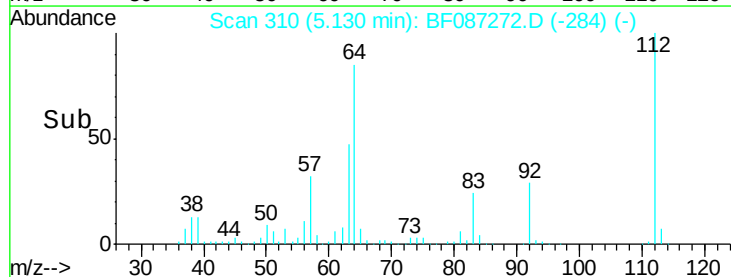
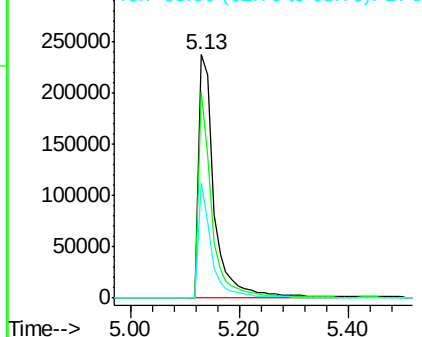
#5

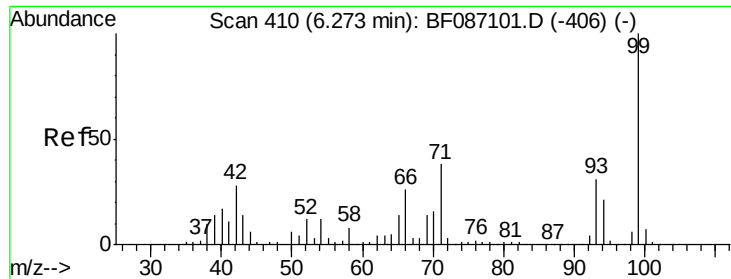
2-Fluorophenol
Concen: 66.80 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.00 min
Lab File: BF087272.D
Acq: 21 May 2016 14:55

Tgt Ion:112 Resp: 474347
Ion Ratio Lower Upper
112 100
64 84.8 52.1 78.1#
63 47.3 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: 39.14 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087272.D

Acq: 21 May 2016 14:55

Instrument :

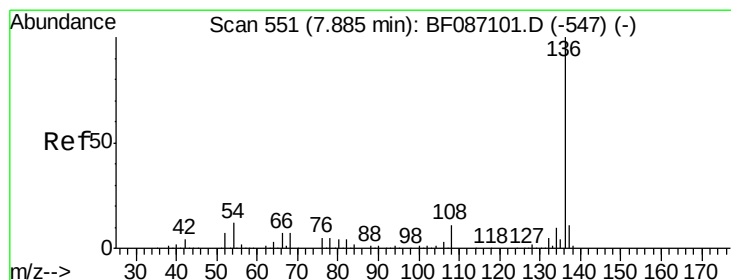
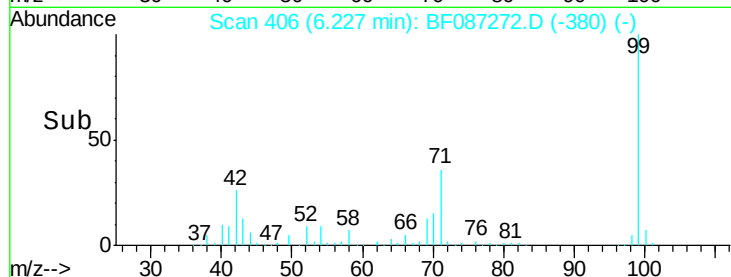
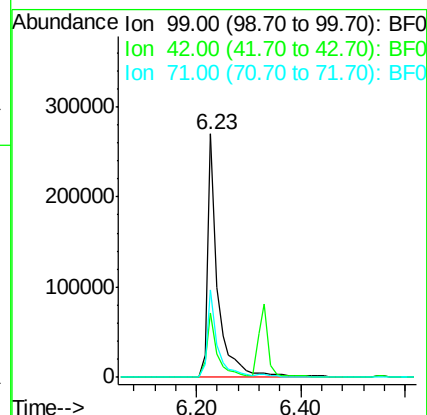
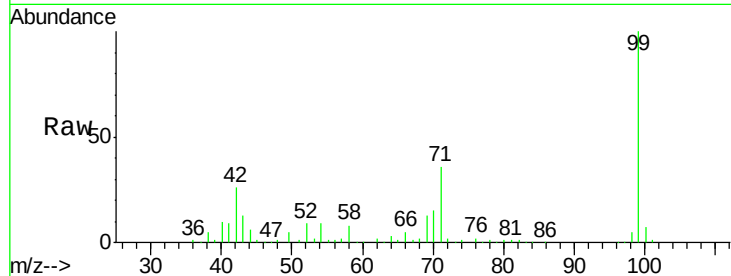
BNA_F

ClientSampleId :

VE4-11

Tot Ion: 99 Resp: 372799

Ion	Ratio	Lower	Upper
99	100		
42	26.3	13.6	20.4#
71	36.1	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

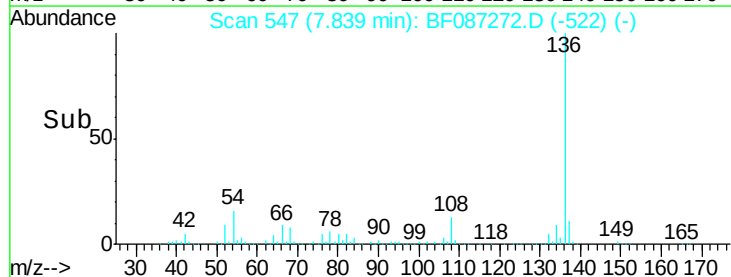
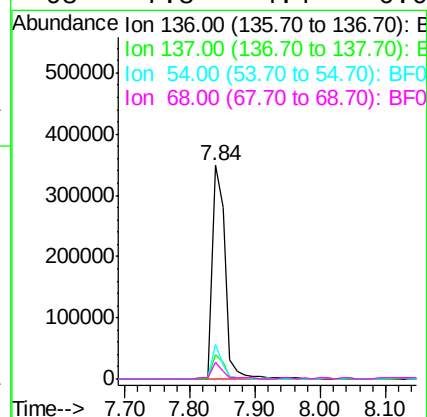
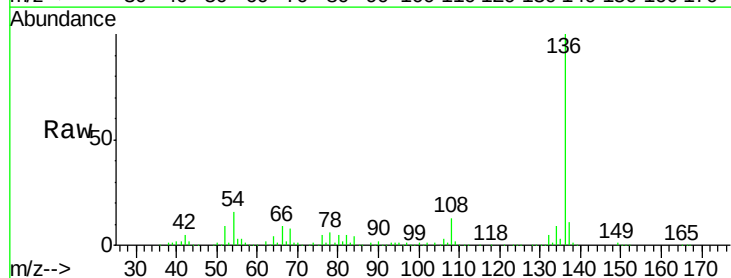
Delta R.T. -0.01 min

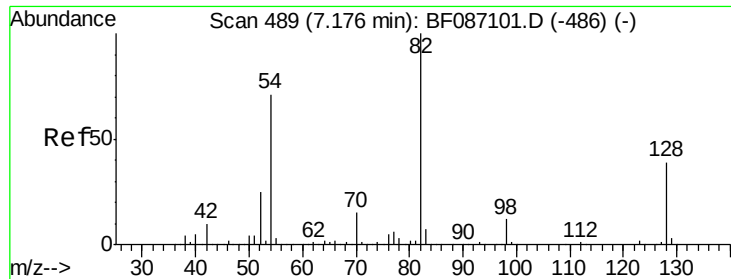
Lab File: BF087272.D

Acq: 21 May 2016 14:55

Tgt Ion: 136 Resp: 481643

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	16.0	5.0	7.4#
68	7.8	4.4	6.6#

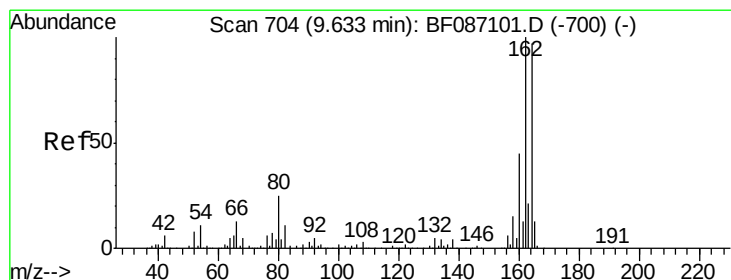
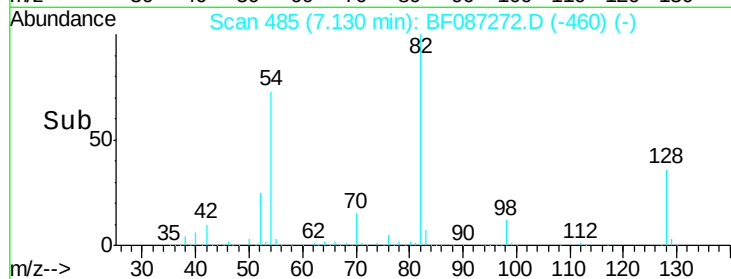
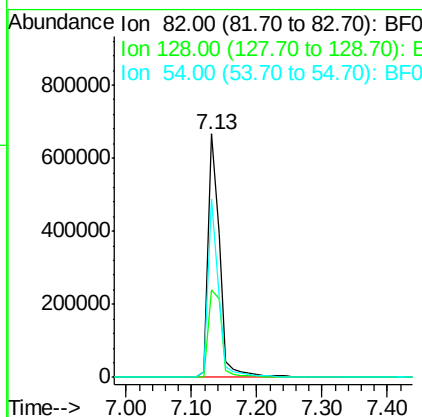
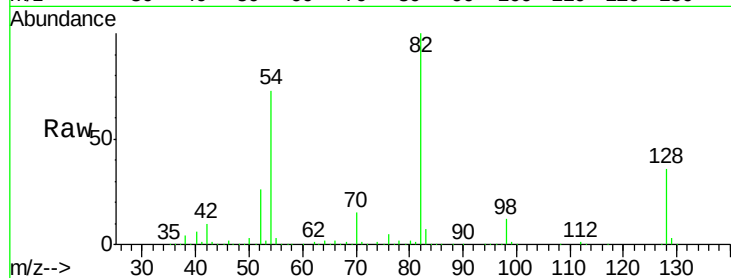




#23
 Nitrobenzene-d5
 Concen: 85.84 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF087272.D
 Acq: 21 May 2016 14:55

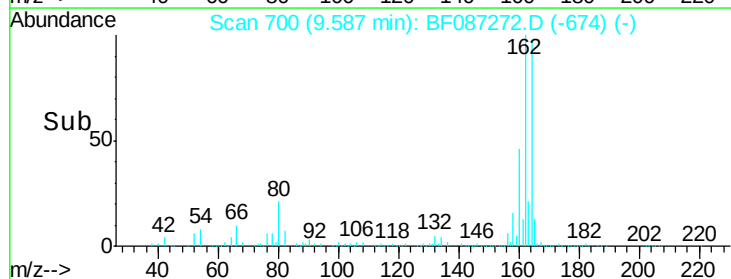
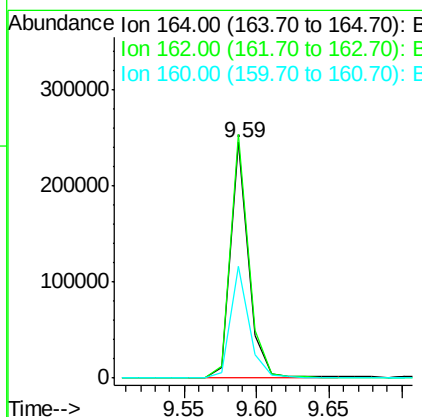
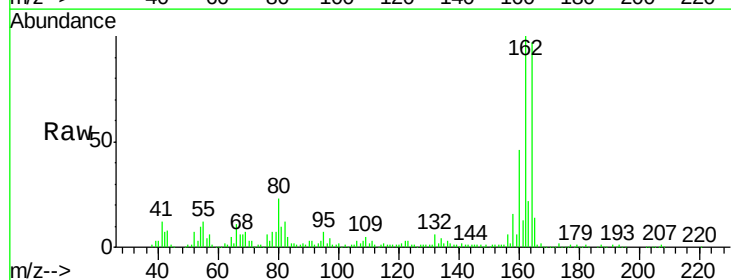
Instrument :
 BNA_F
 ClientSampleId :
 VE4-11

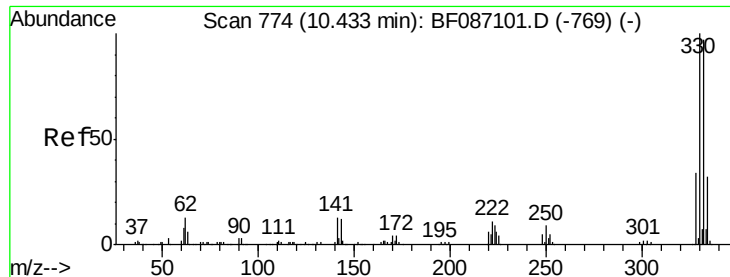
Tot Ion: 82 Resp: 829544
 Ion Ratio Lower Upper
 82 100
 128 35.9 40.6 61.0#
 54 73.2 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF087272.D
 Acq: 21 May 2016 14:55

Tgt Ion:164 Resp: 209563
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.8 124.2
 160 47.4 36.9 55.3

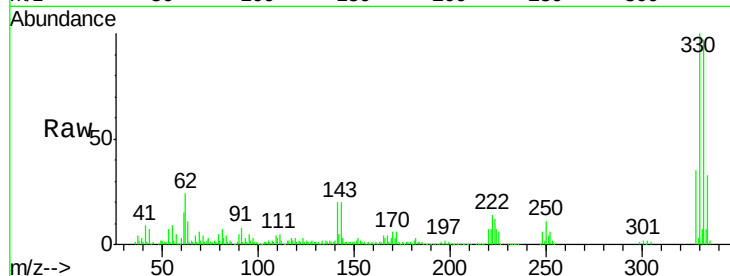




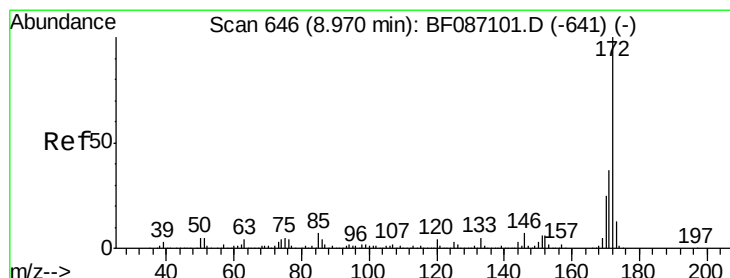
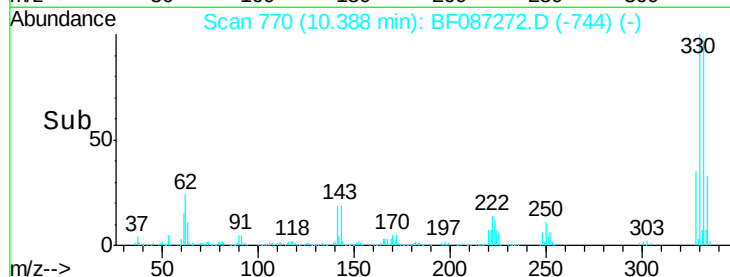
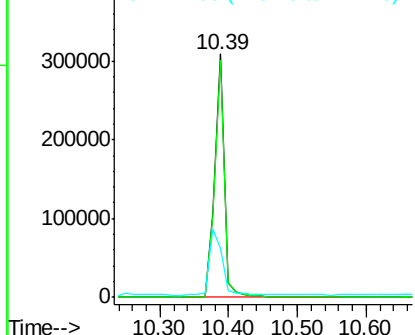
#41
 2,4,6-Tribromophenol
 Concen: 134.70 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF087272.D
 Acq: 21 May 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 VE4-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.0	118.4
141	35.4	31.2	46.8

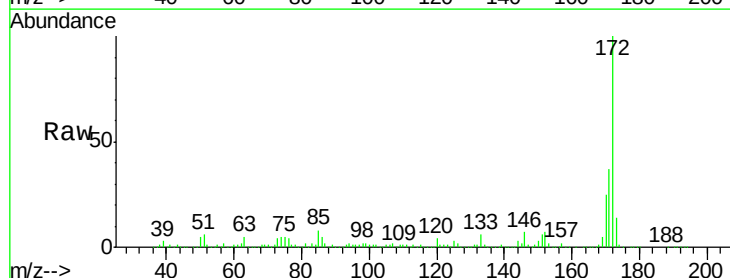


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

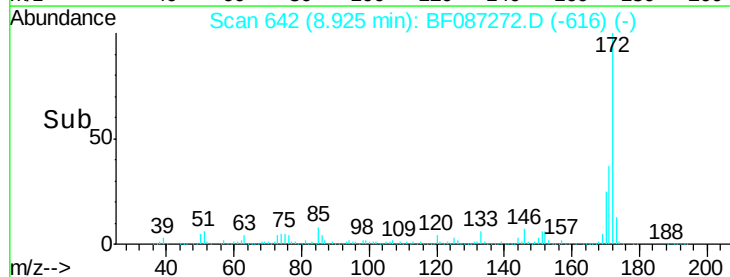
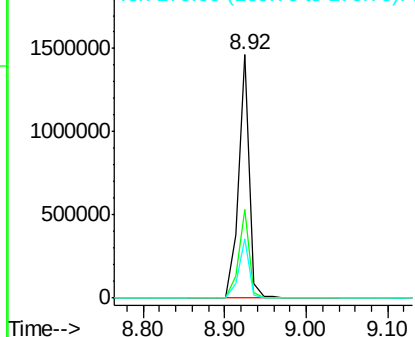


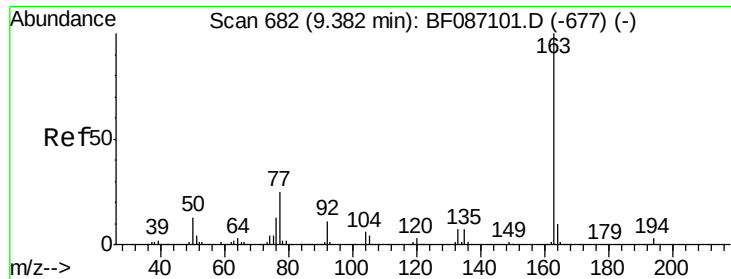
#44
 2-Fluorobiphenyl
 Concen: 106.91 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087272.D
 Acq: 21 May 2016 14:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.6	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





#49

Dimethylphthalate

Concen: 3.56 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF087272.D

Acq: 21 May 2016 14:55

Instrument :

BNA_F

ClientSampleId :

VE4-11

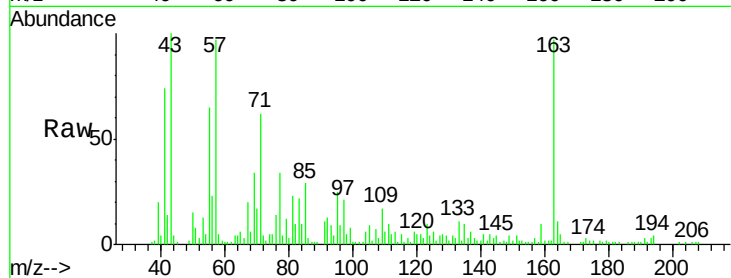
Tot Ion:163 Resp: 56885

Ion Ratio Lower Upper

163 100

194 4.1 2.6 4.0#

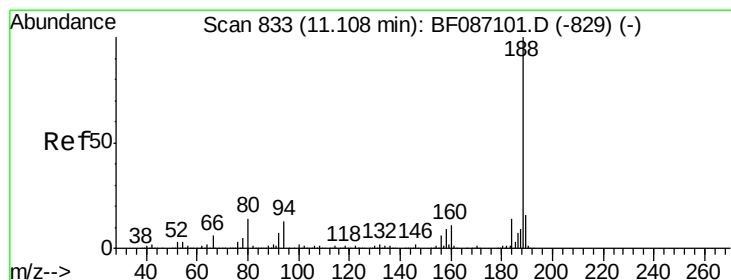
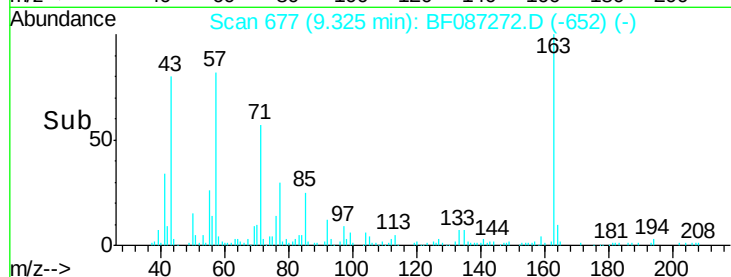
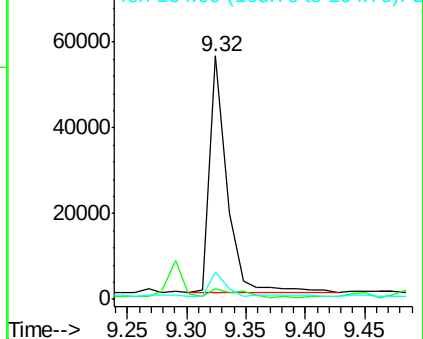
164 11.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF087272.D

Acq: 21 May 2016 14:55

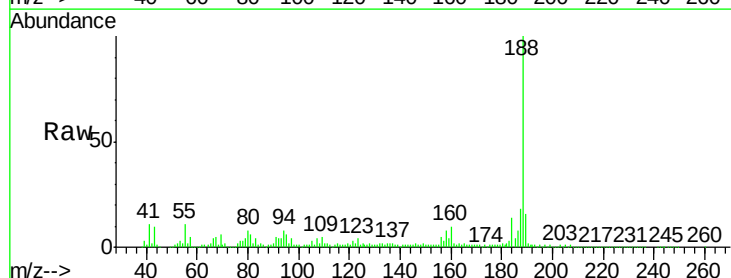
Tgt Ion:188 Resp: 332008

Ion Ratio Lower Upper

188 100

94 7.9 6.8 10.2

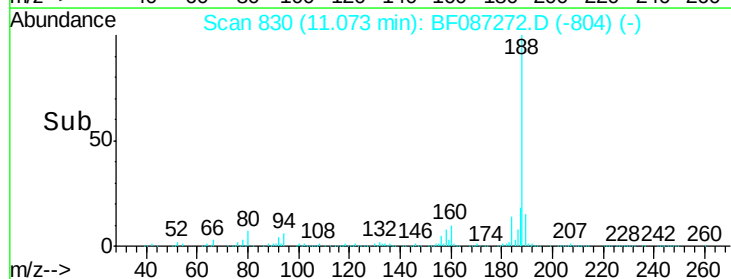
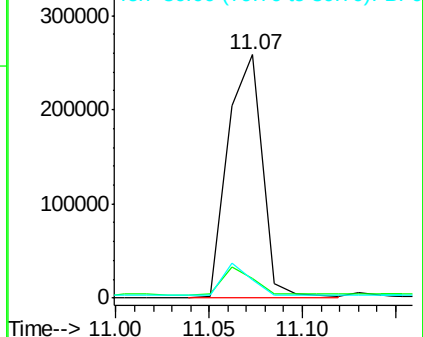
80 7.5 7.1 10.7

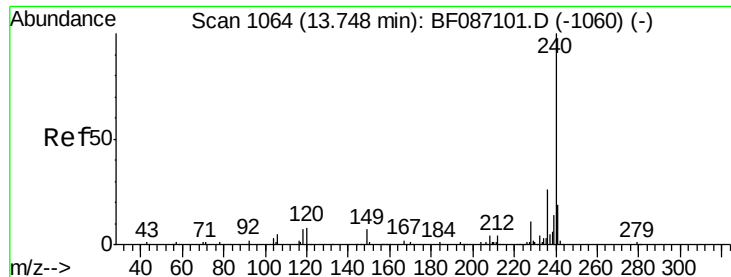


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.70 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF087272.D

Acq: 21 May 2016 14:55

Instrument :

BNA_F

ClientSampled :

VE4-11

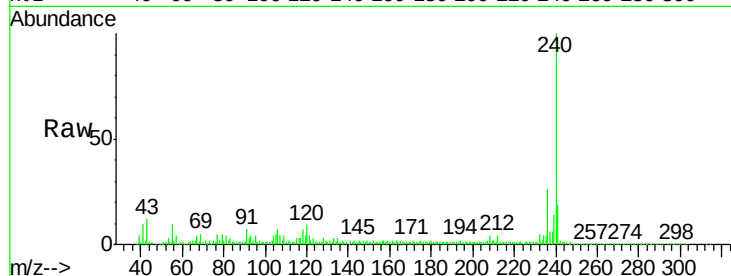
Tot Ion:240 Resp: 233976

Ion Ratio Lower Upper

240 100

120 9.1 11.2 16.8#

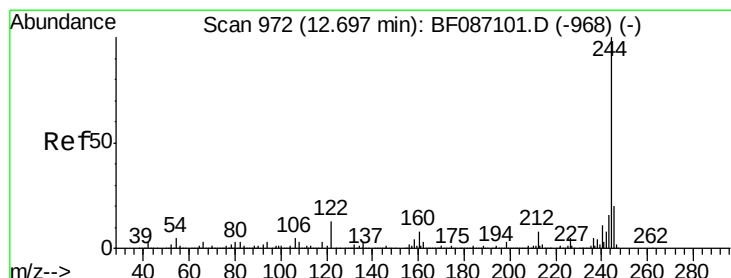
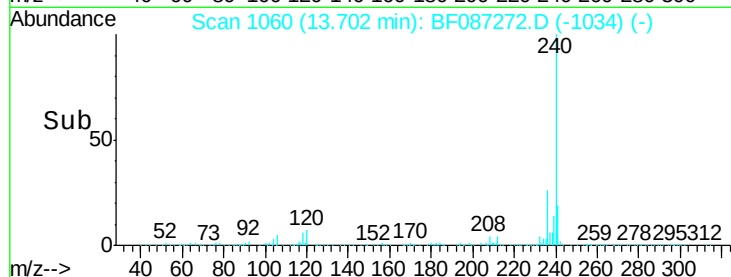
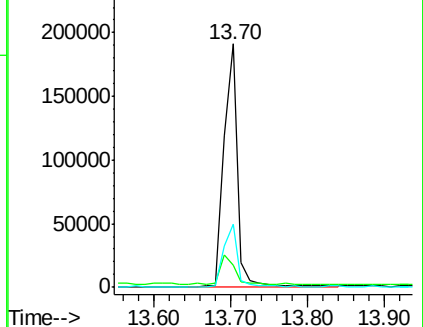
236 26.0 21.2 31.8



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: 77.14 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF087272.D

Acq: 21 May 2016 14:55

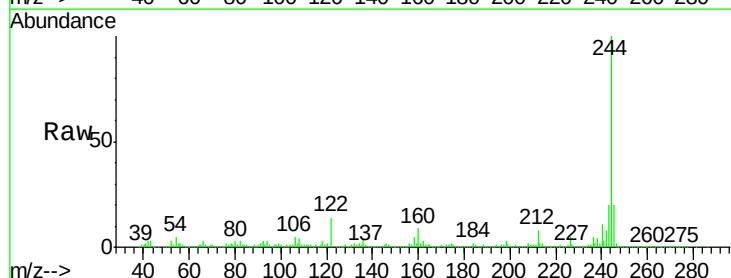
Tgt Ion:244 Resp: 797913

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

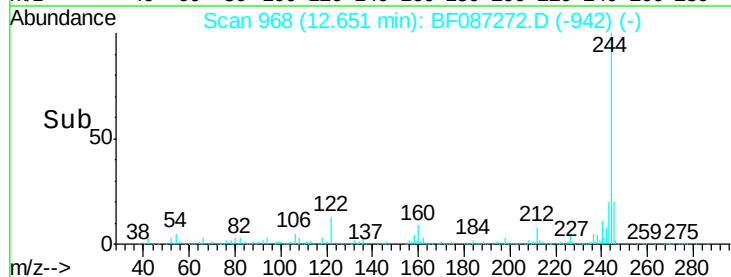
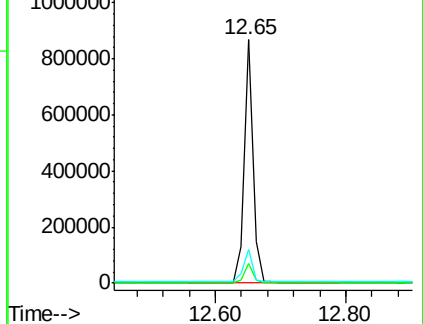
122 13.6 12.0 18.0

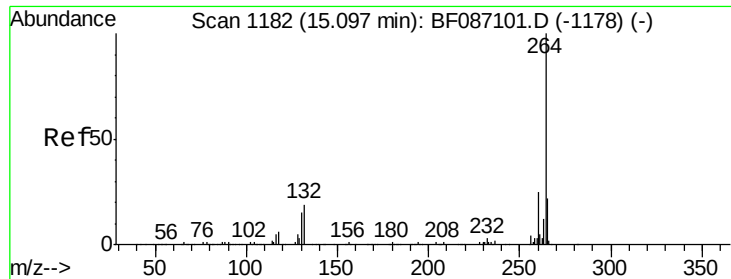


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF087272.D
Acq: 21 May 2016 14:55

Instrument :
BNA_F
ClientSampleId :
VE4-11

Tot Ion: 264 Resp: 224422

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.4	17.3	25.9

