

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF086015.D
 Acq On : 2 Apr 2016 16:53
 Operator : UM/SJ
 Sample : H2080-11
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Apr 04 03:12:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	104142	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	400365	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	175055	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	321285	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	204757	20.00	ng	0.00
86) Perylene-d12	15.33	264	188424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	413990	67.95	ng	0.00
7) Phenol-d6	6.41	99	324501	41.93	ng	-0.01
23) Nitrobenzene-d5	7.34	82	759258	111.84	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	278486	169.49	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1240752	117.85	ng	0.00
78) Terphenyl-d14	12.88	244	953918	109.51	ng	0.00

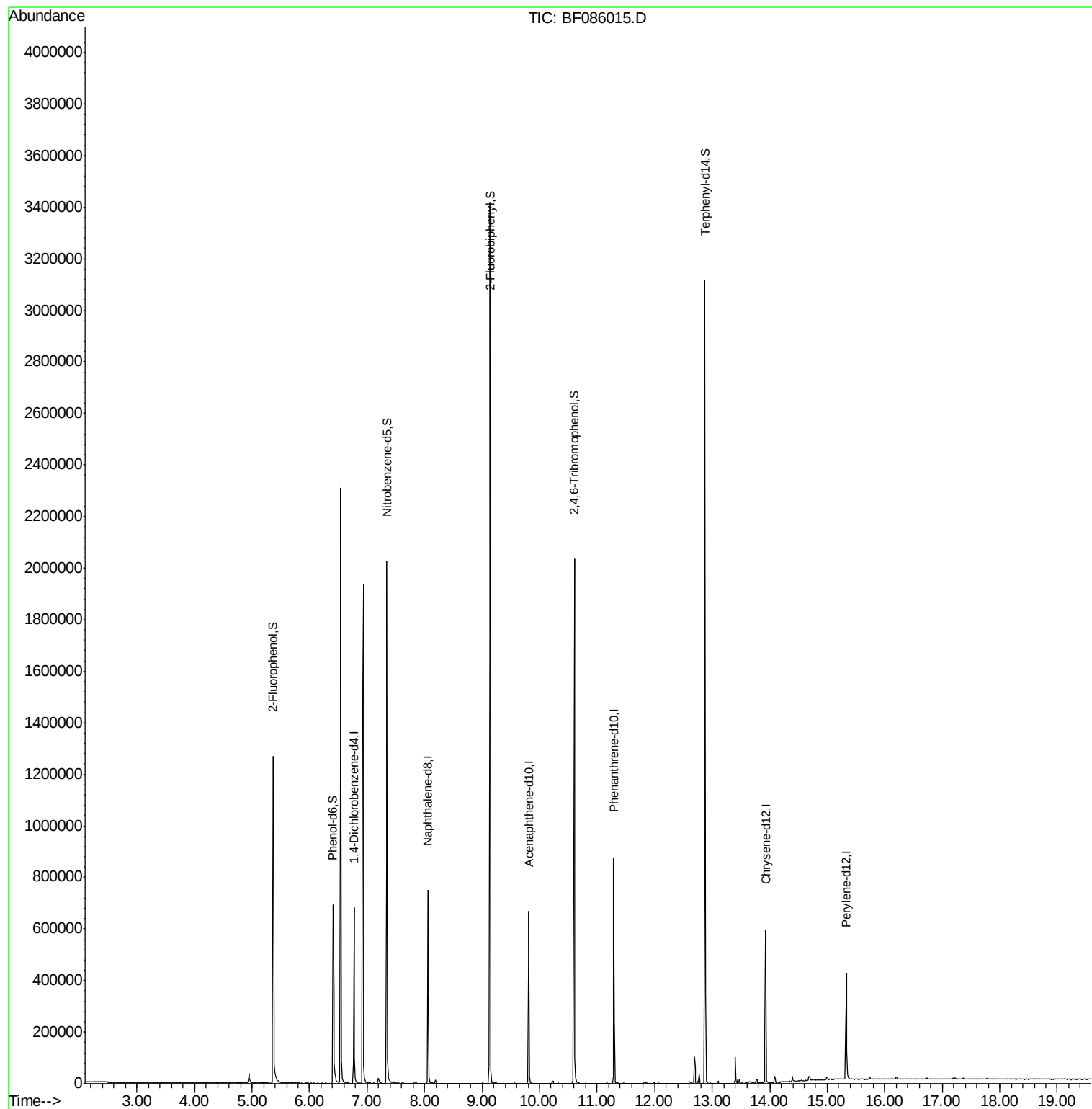
Target Compounds Qvalue

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

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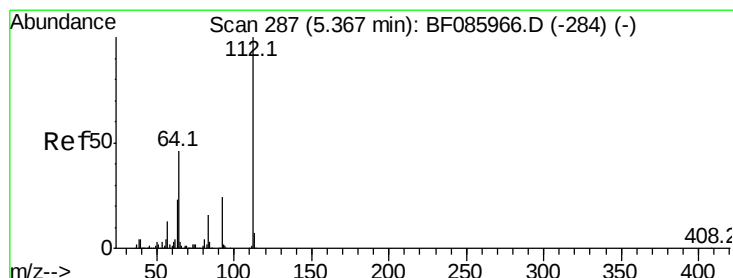
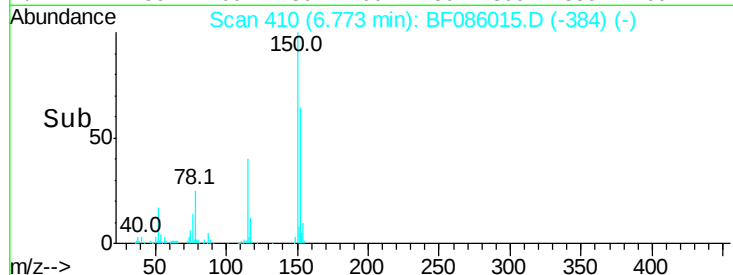
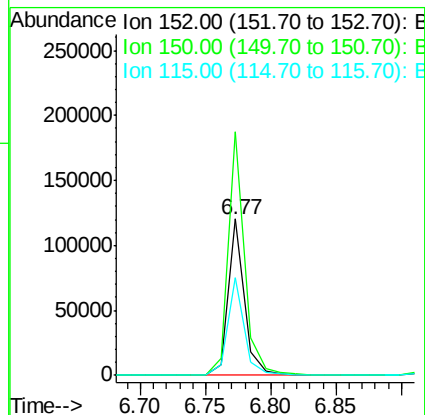
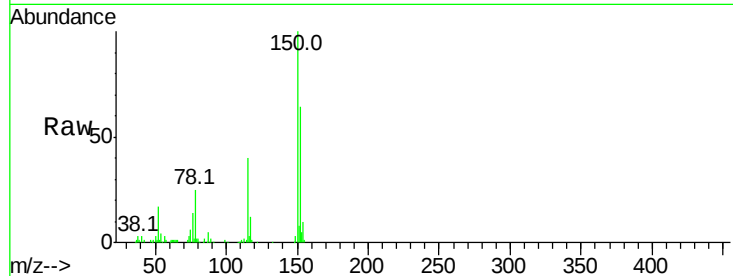


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF086015.D
Acq: 2 Apr 2016 16:53

Instrument :
BNA_F
ClientSampleId :
FB

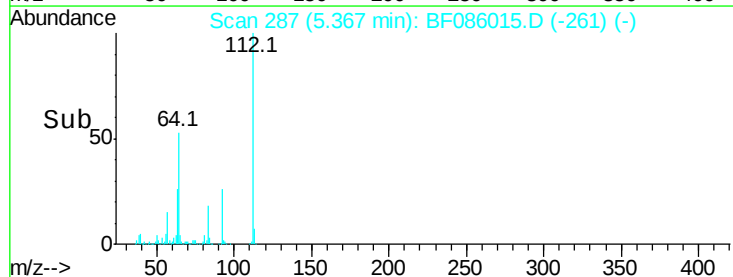
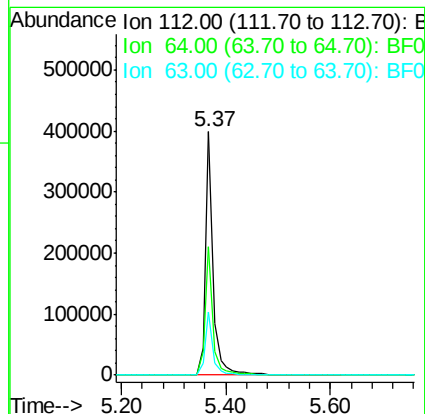
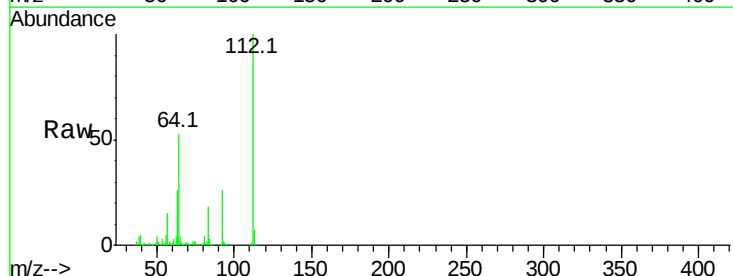
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.2
115	62.6	47.0	70.6



#5

2-Fluorophenol
Concen: 67.95 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.00 min
Lab File: BF086015.D
Acq: 2 Apr 2016 16:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	39.9	59.9
63	26.1	20.2	30.2





#7

Phenol-d6

Concen: 41.93 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086015.D

Acq: 2 Apr 2016 16:53

Instrument :

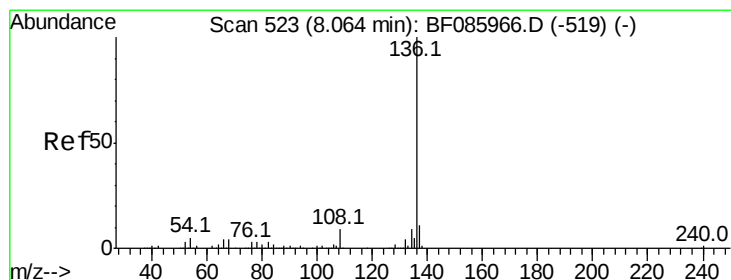
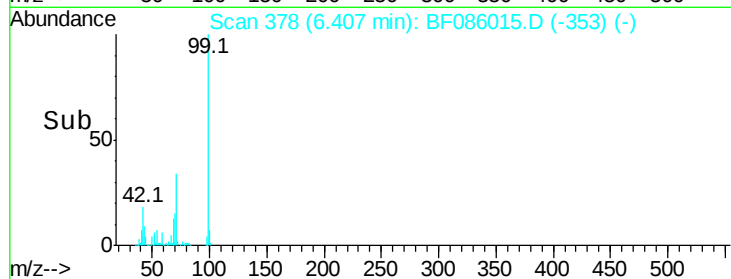
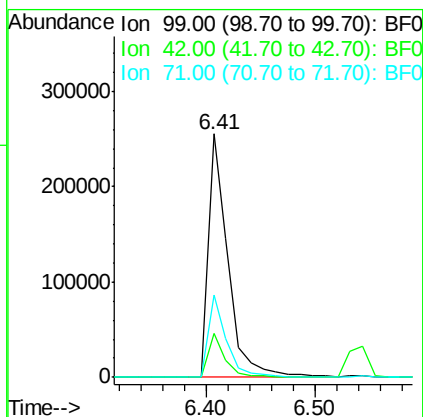
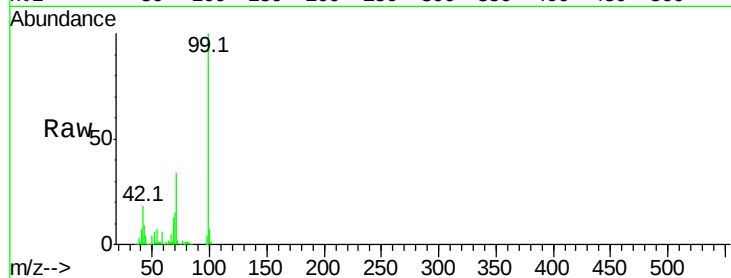
BNA_F

ClientSampleId :

FB

Tot Ion: 99 Resp: 324501

Ion	Ratio	Lower	Upper
99	100		
42	18.2	11.1	16.7#
71	34.0	24.9	37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

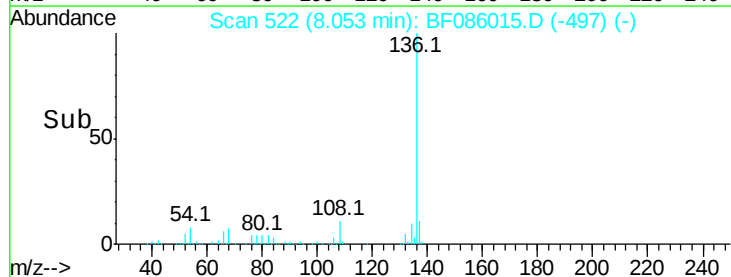
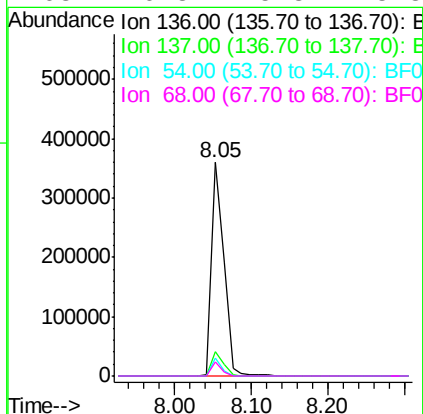
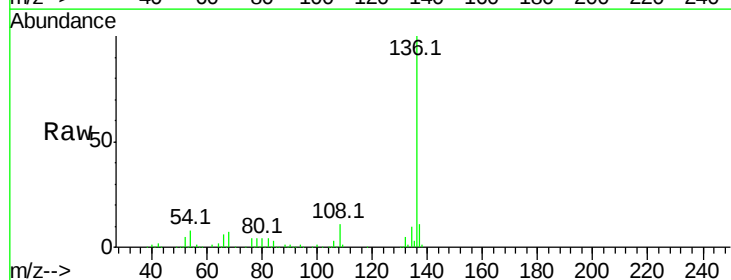
Delta R.T. -0.01 min

Lab File: BF086015.D

Acq: 2 Apr 2016 16:53

Tgt Ion: 136 Resp: 400365

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.3	7.4	11.0
68	6.8	5.8	8.8

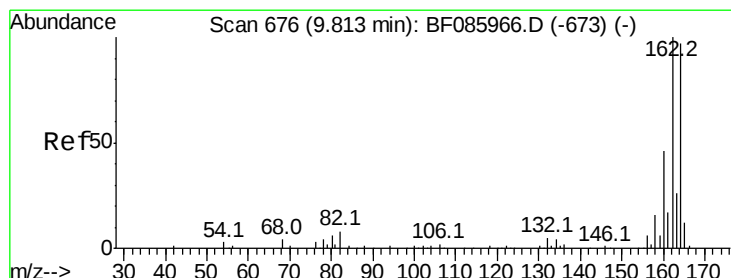
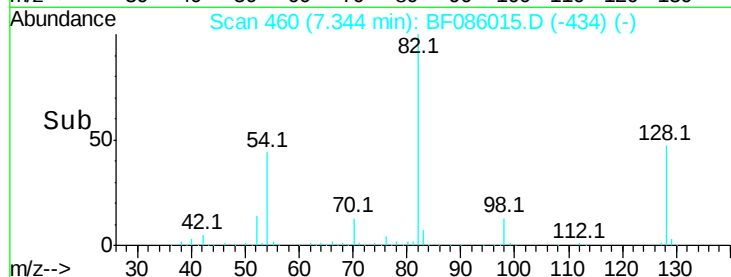
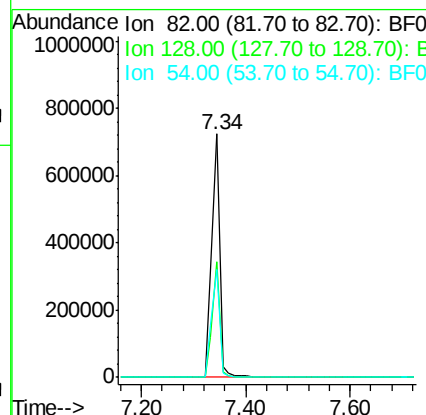
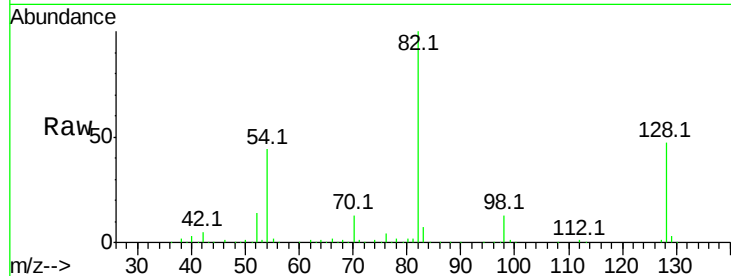




#23
 Nitrobenzene-d5
 Concen: 111.84 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF086015.D
 Acq: 2 Apr 2016 16:53

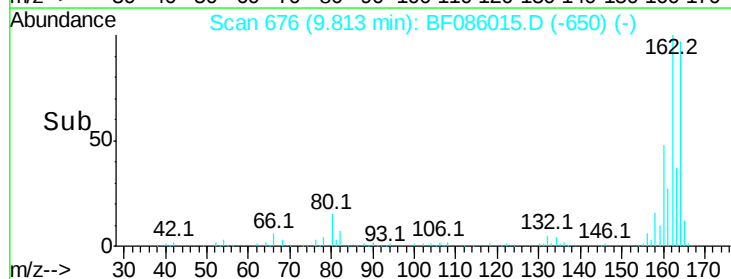
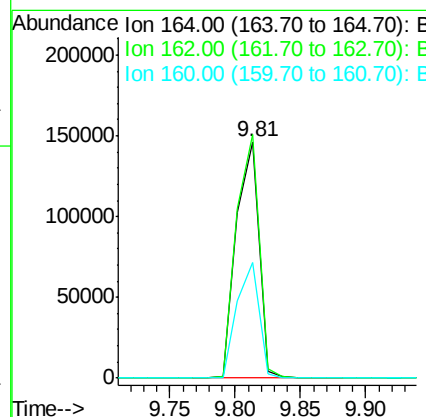
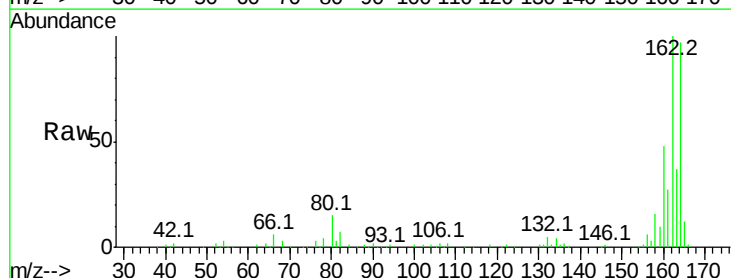
Instrument :
 BNA_F
 ClientSampleID :
 FB

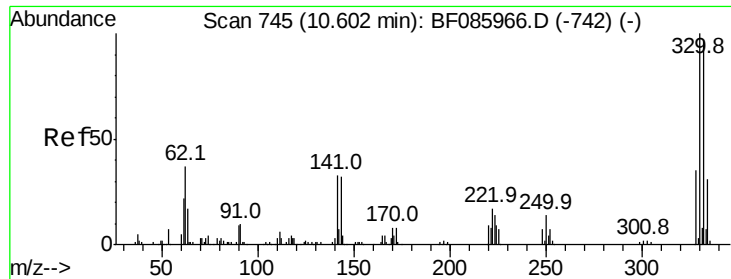
Tot Ion	82	Resp	759258
Ion Ratio	Lower	Upper	
82	100		
128	47.4	41.8	62.8
54	44.1	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: BF086015.D
 Acq: 2 Apr 2016 16:53

Tgt Ion	164	Resp	175055
Ion Ratio	Lower	Upper	
164	100		
162	102.9	82.1	123.1
160	49.1	37.4	56.2

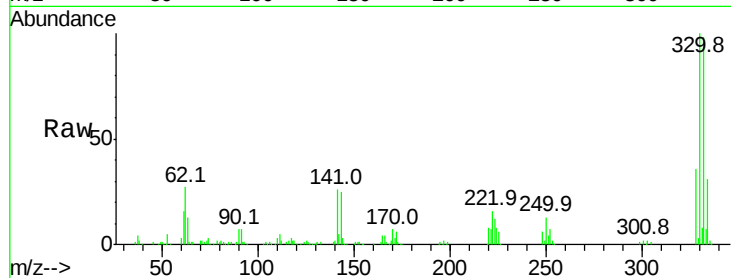




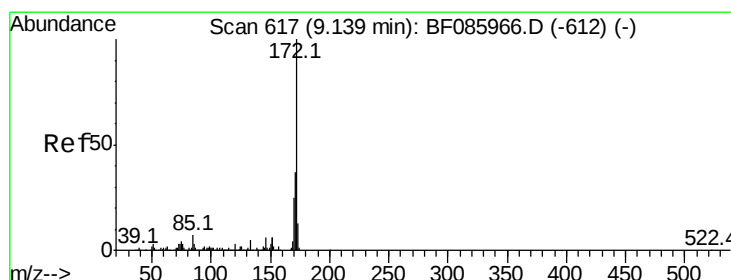
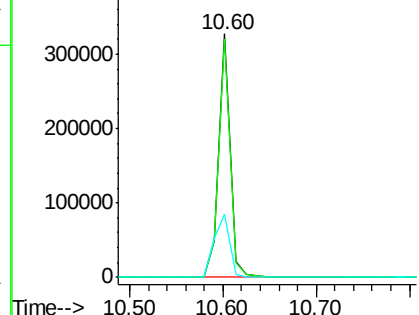
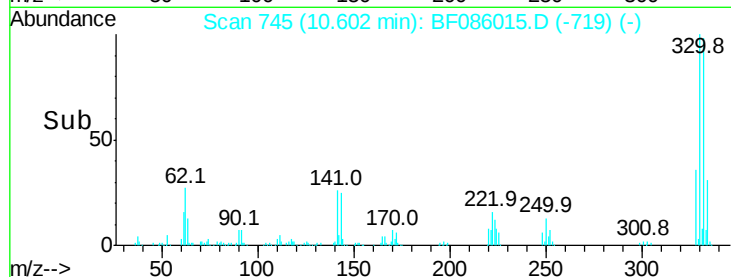
#41
 2,4,6-Tribromophenol
 Concen: 169.49 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF086015.D
 Acq: 2 Apr 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.2	117.2
141	35.2	31.5	47.3

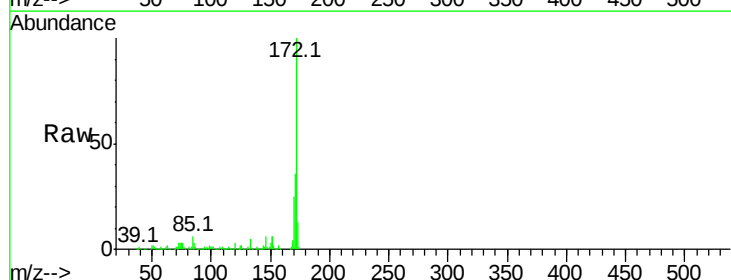


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

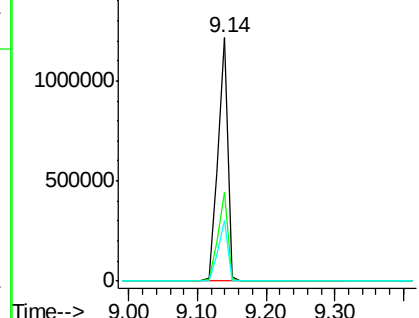
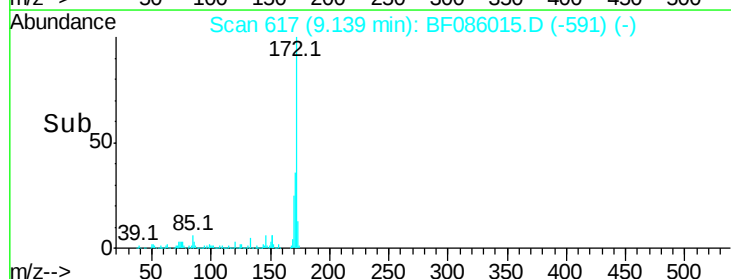


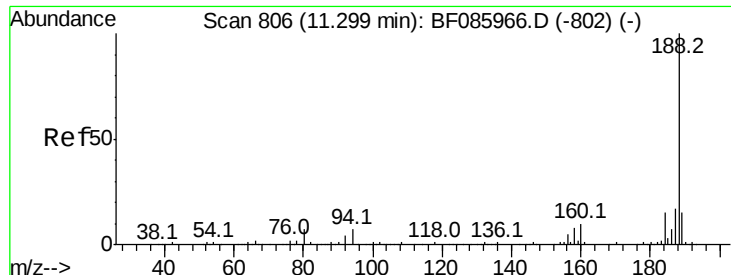
#44
 2-Fluorobiphenyl
 Concen: 117.85 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF086015.D
 Acq: 2 Apr 2016 16:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.8	19.8	29.6



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

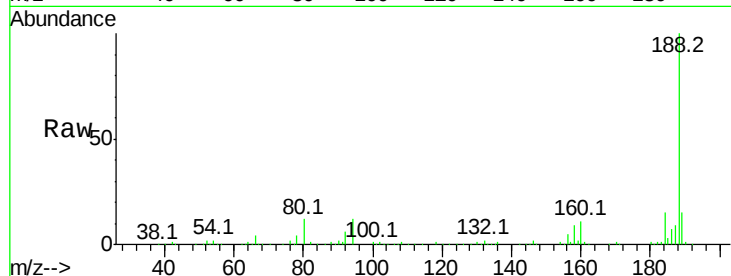




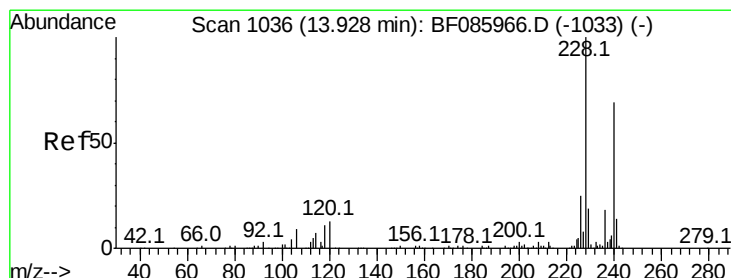
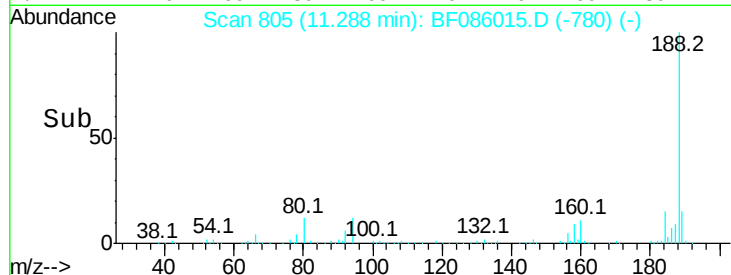
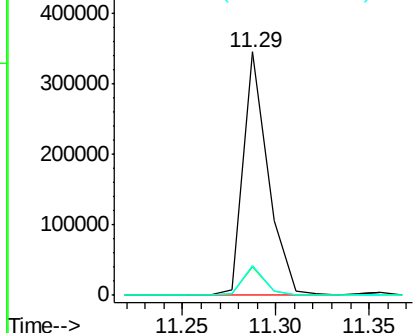
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086015.D
Acq: 2 Apr 2016 16:53

Instrument :
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FB

Tot Ion:188 Resp: 321285
Ion Ratio Lower Upper
188 100
94 11.7 5.4 8.0#
80 12.3 5.5 8.3#

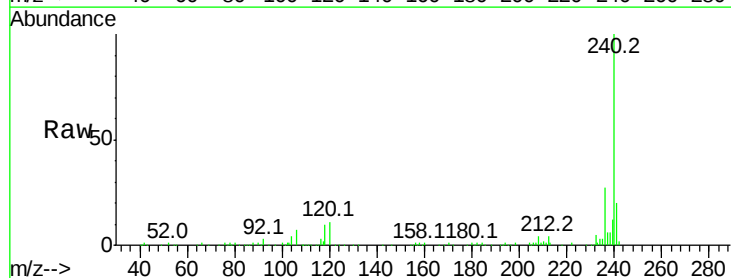


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

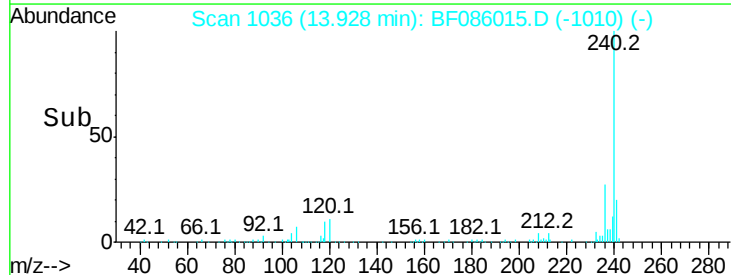
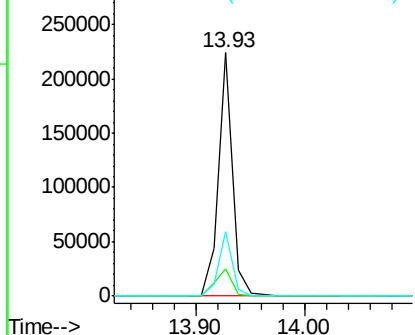


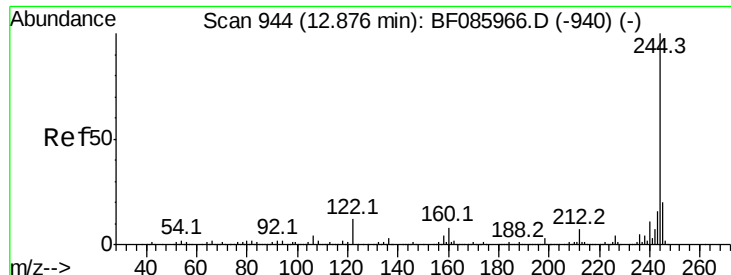
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF086015.D
Acq: 2 Apr 2016 16:53

Tgt Ion:240 Resp: 204757
Ion Ratio Lower Upper
240 100
120 11.4 13.8 20.8#
236 26.7 20.6 30.8



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: 109.51 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086015.D

Acq: 2 Apr 2016 16:53

Instrument :

BNA_F

ClientSampleId :

FB

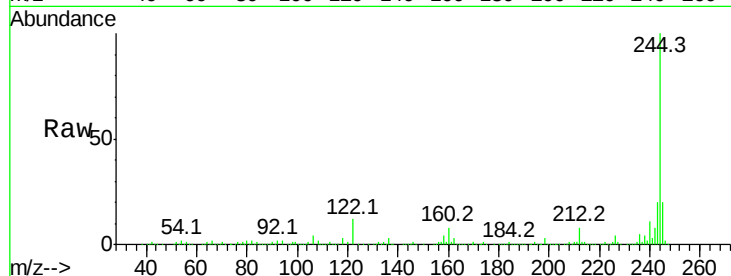
Tot Ion:244 Resp: 953918

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

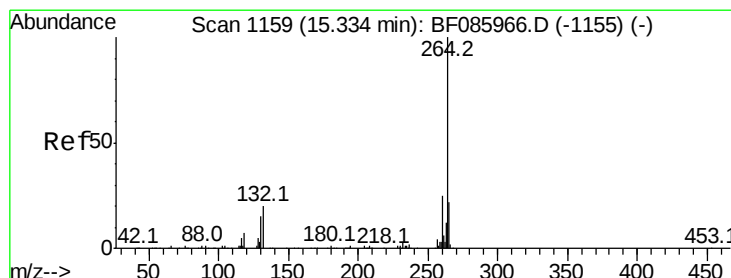
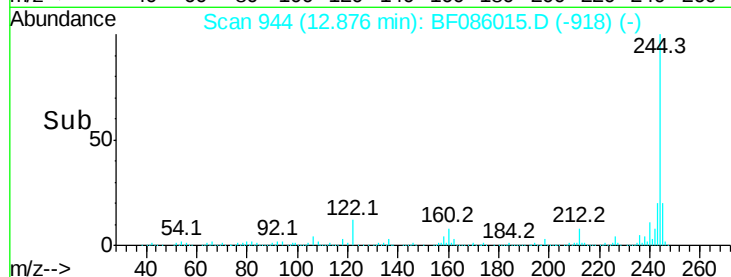
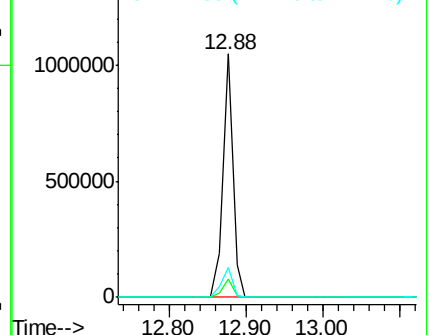
122 12.4 10.2 15.4



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: 15.33 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF086015.D

Acq: 2 Apr 2016 16:53

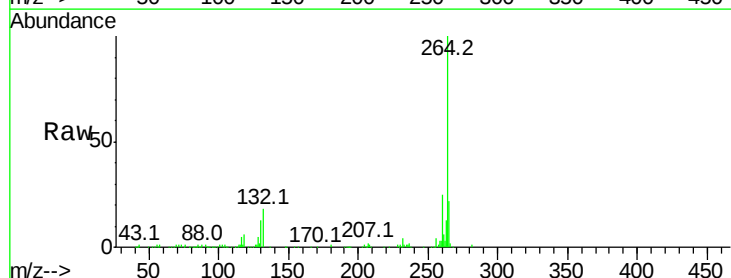
Tgt Ion:264 Resp: 188424

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 21.7 17.2 25.8



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

