

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086899.D
 Acq On : 11 May 2016 20:36
 Operator : UM/SJ
 Sample : H2917-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SES-CS-EF-Q2

Quant Time: May 12 01:15:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 01:06:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	145945	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	603878	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	295269	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	542795	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	468610	20.00	ng	-0.01
86) Perylene-d12	15.13	264	353059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	242630	28.15	ng	0.00
7) Phenol-d6	6.28	99	214291	18.61	ng	-0.02
23) Nitrobenzene-d5	7.20	82	731366	60.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	224434	71.80	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1366550	77.78	ng	0.00
78) Terphenyl-d14	12.73	244	1341109	60.72	ng	0.00

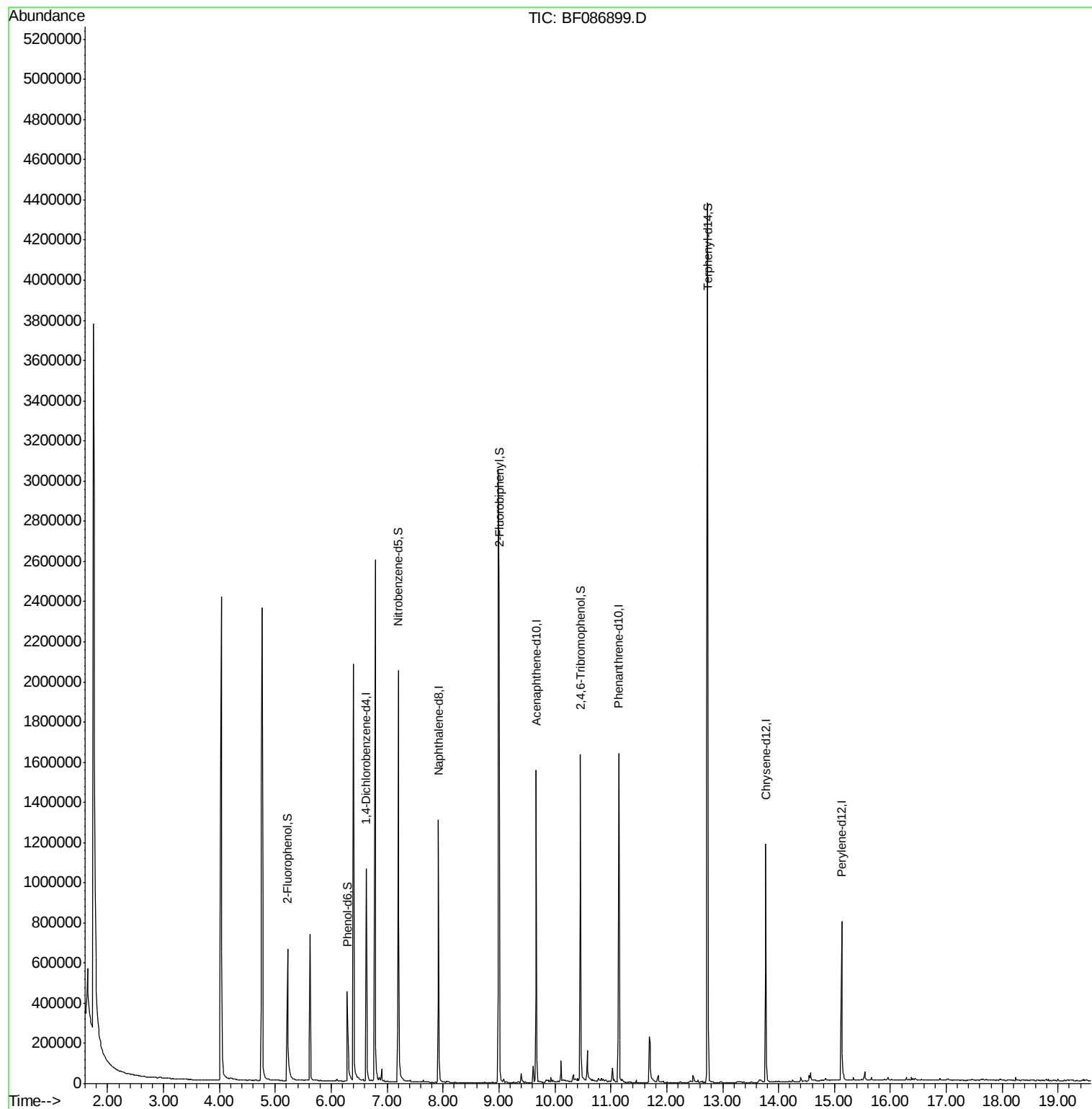
Target Compounds	Qvalue
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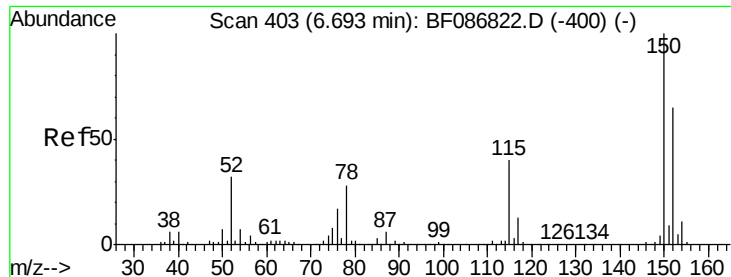
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF086899.D

Acq: 11 May 2016 20:36

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BNA_F

ClientSampleId :

SES-CS-EF-Q2

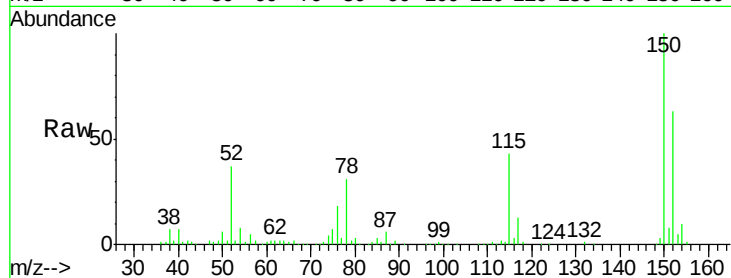
Tgt Ion:152 Resp: 145945

Ion Ratio Lower Upper

152 100

150 157.8 125.8 188.6

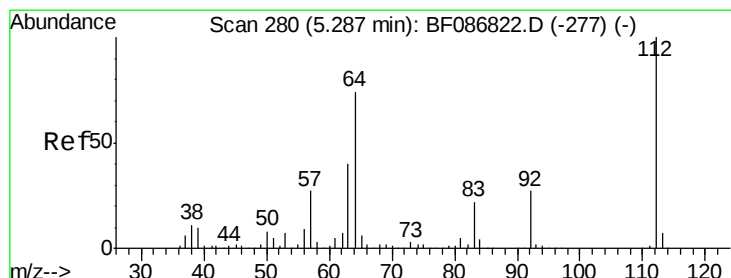
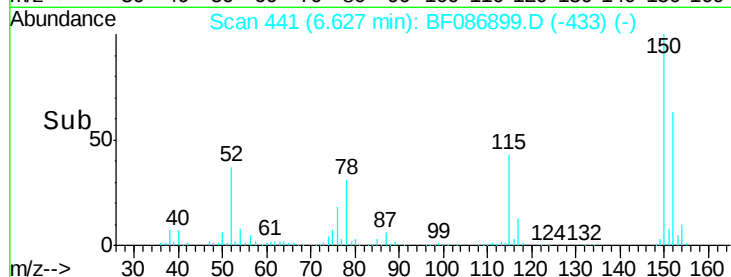
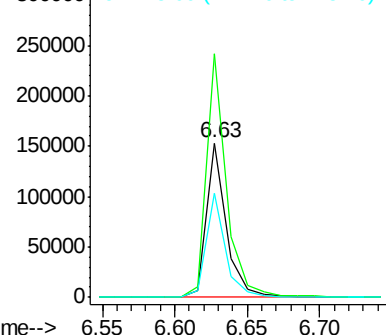
115 67.3 51.5 77.3



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: 28.15 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF086899.D

Acq: 11 May 2016 20:36

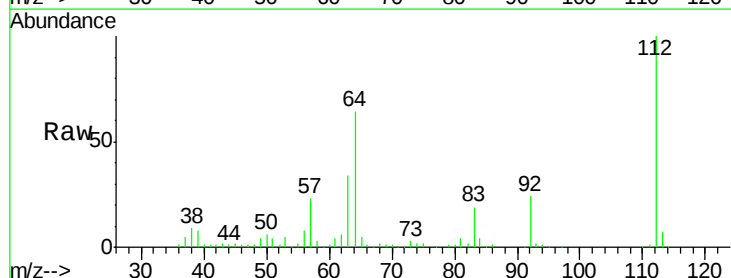
Tgt Ion:112 Resp: 242630

Ion Ratio Lower Upper

112 100

64 64.0 52.1 78.1

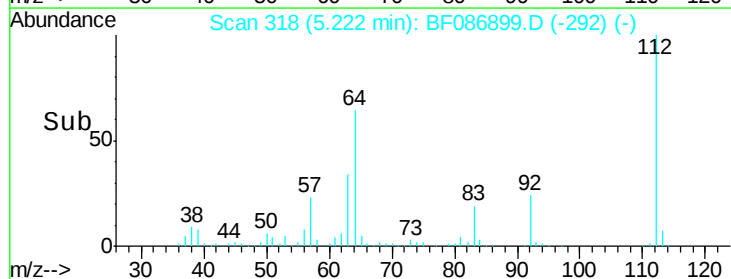
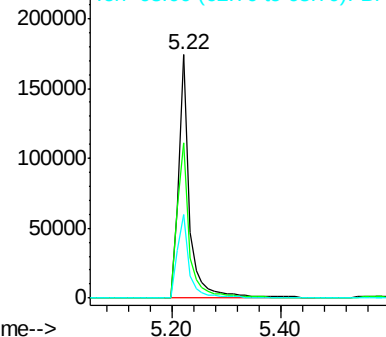
63 34.3 25.7 38.5

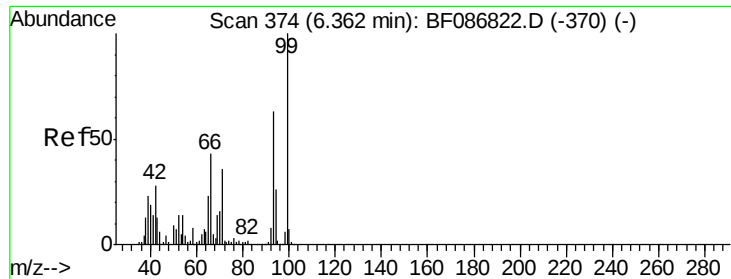


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 18.61 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF086899.D

Acq: 11 May 2016 20:36

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SES-CS-EF-Q2

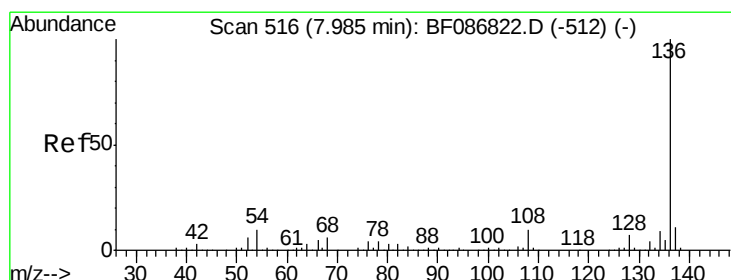
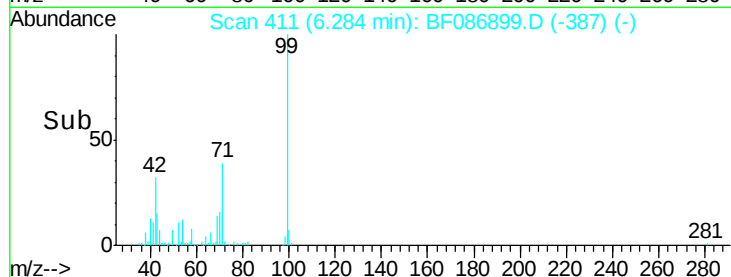
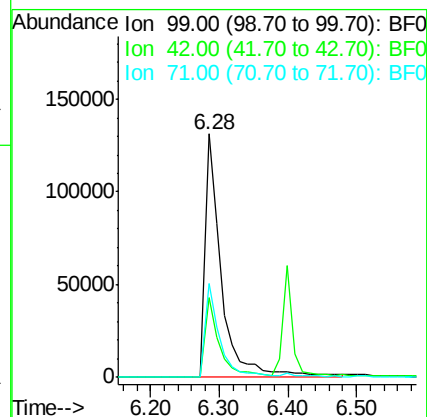
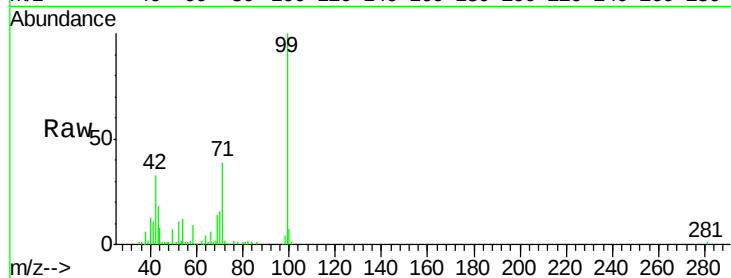
Tgt Ion: 99 Resp: 214291

Ion Ratio Lower Upper

99 100

42 32.7 13.6 20.4#

71 38.7 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF086899.D

Acq: 11 May 2016 20:36

Tgt Ion: 136 Resp: 603878

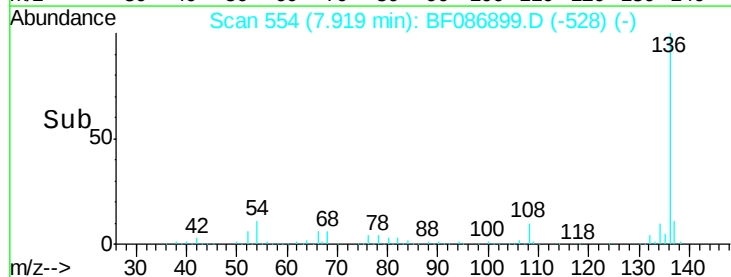
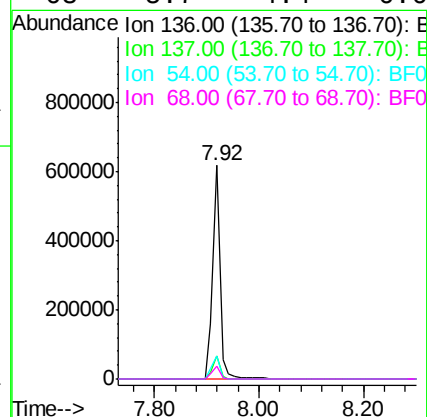
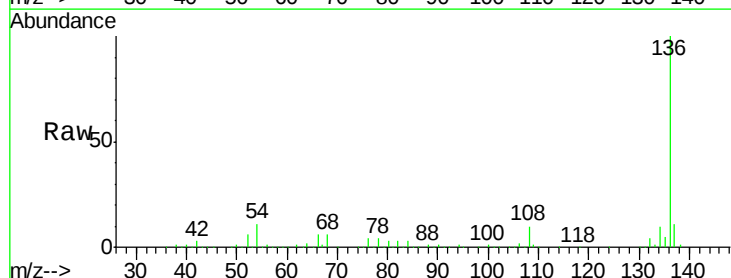
Ion Ratio Lower Upper

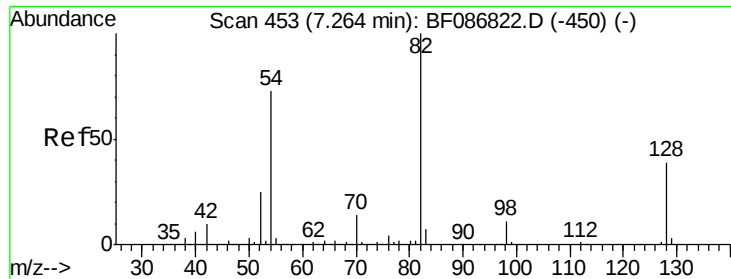
136 100

137 10.9 8.8 13.2

54 10.7 5.0 7.4#

68 5.7 4.4 6.6

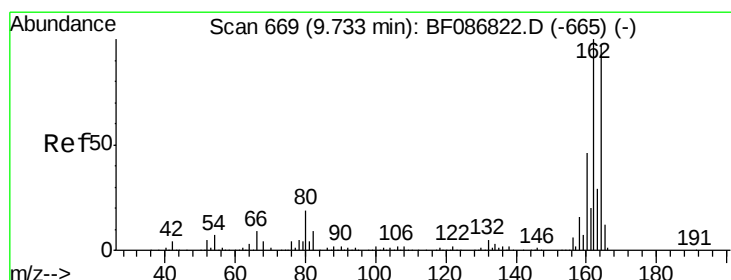
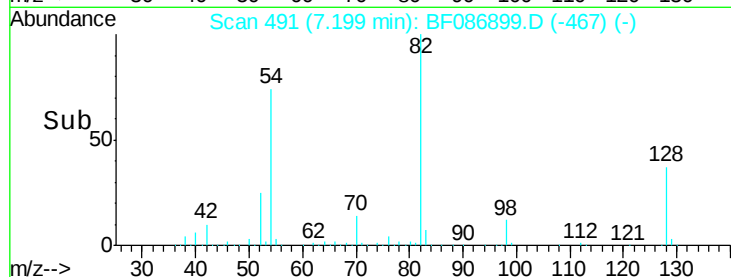
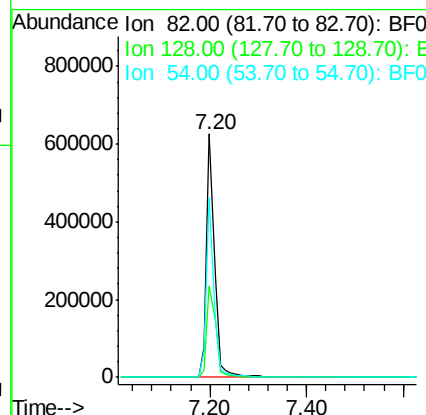
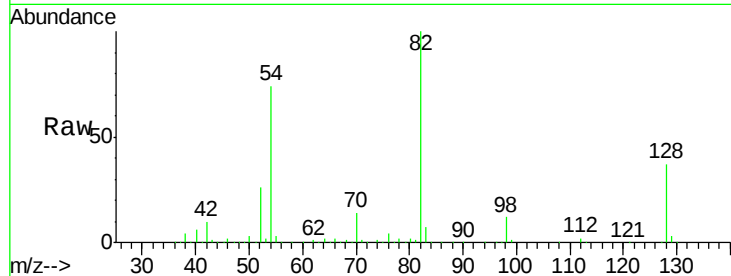




#23
 Nitrobenzene-d5
 Concen: 60.81 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF086899.D
 Acq: 11 May 2016 20:36

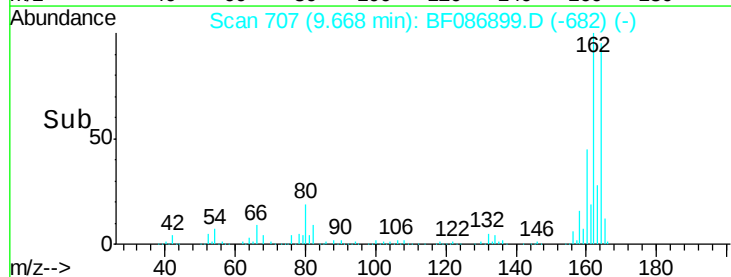
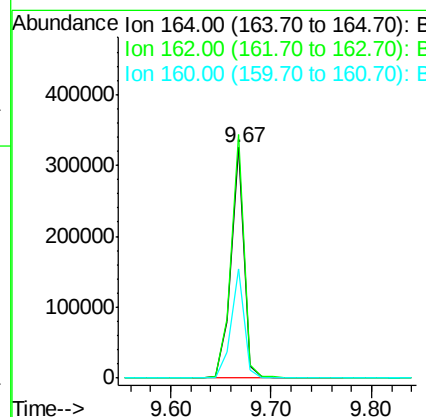
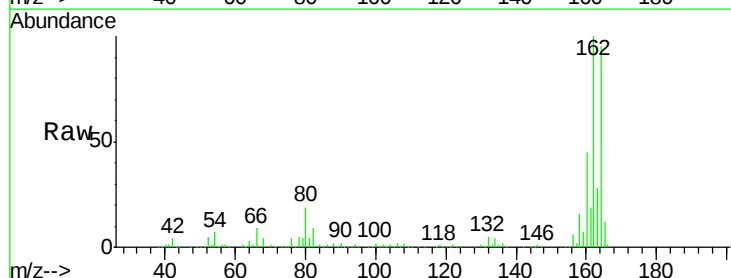
Instrument :
 BNA_F
 ClientSampleId :
 SES-CS-EF-Q2

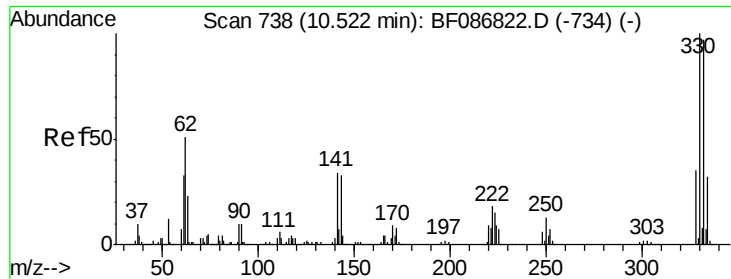
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.5	40.6	61.0#
54	73.6	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF086899.D
 Acq: 11 May 2016 20:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.8	124.2
160	47.1	36.9	55.3

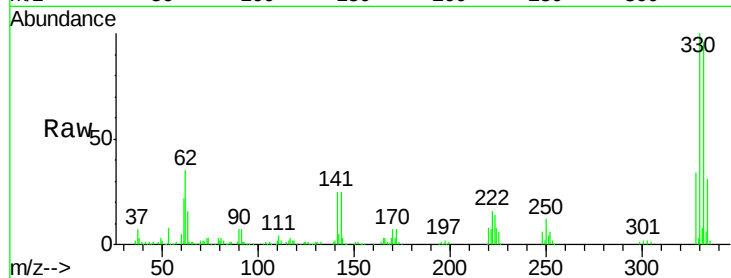




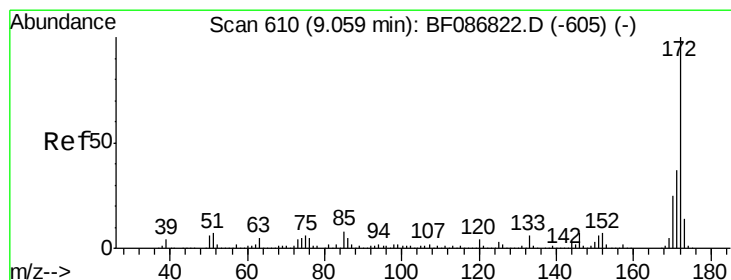
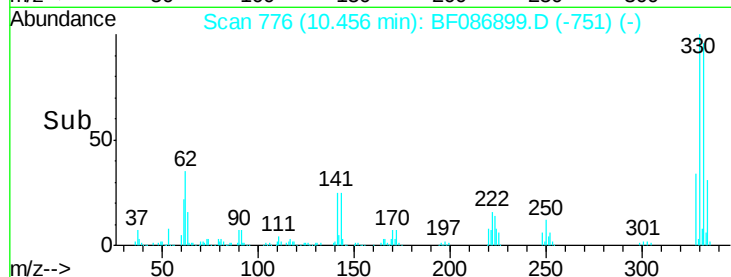
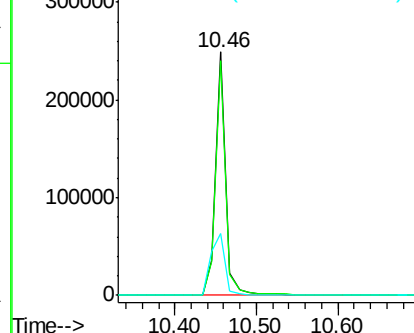
#41
 2,4,6-Tribromophenol
 Concen: 71.80 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF086899.D
 Acq: 11 May 2016 20:36

Instrument :
 BNA_F
 ClientSampleId :
 SES-CS-EF-Q2

Tgt Ion:330 Resp: 224434
 Ion Ratio Lower Upper
 330 100
 332 96.6 79.0 118.4
 141 36.0 31.2 46.8

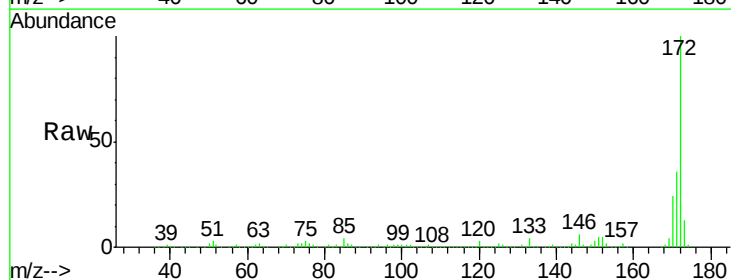


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

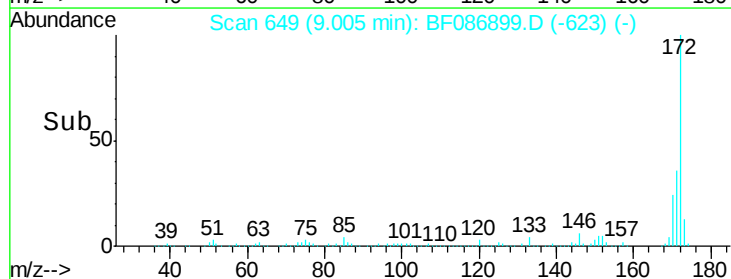
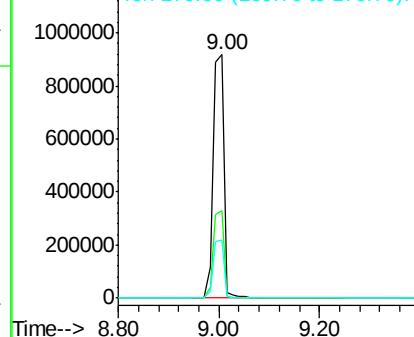


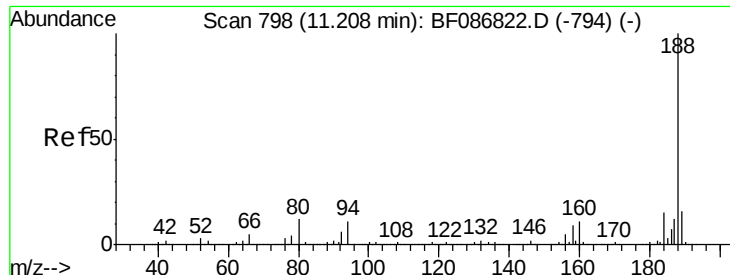
#44
 2-Fluorobiphenyl
 Concen: 77.78 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF086899.D
 Acq: 11 May 2016 20:36

Tgt Ion:172 Resp: 1366550
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.0 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

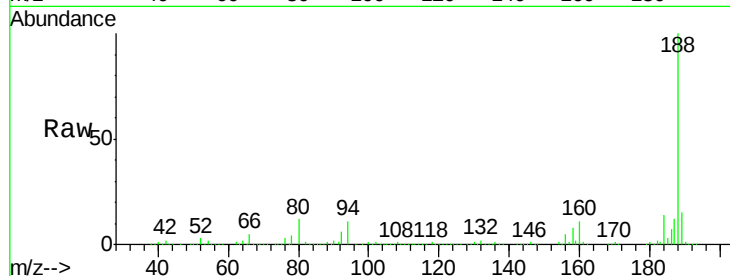




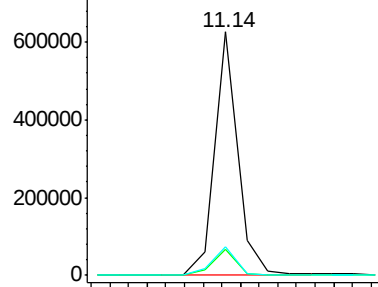
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF086899.D
 Acq: 11 May 2016 20:36

Instrument :
 BNA_F
 ClientSampleId :
 SES-CS-EF-Q2

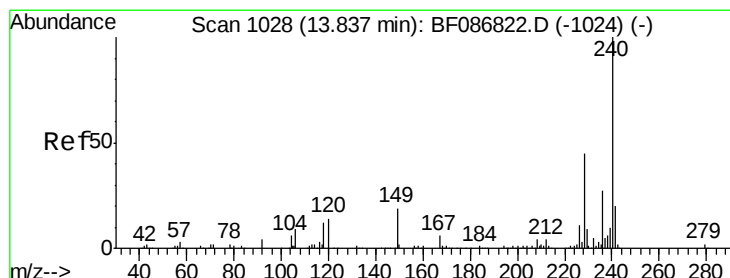
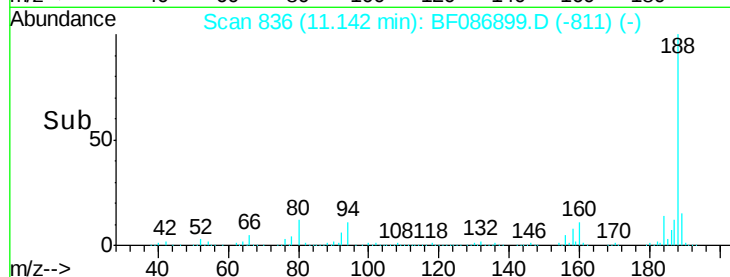
Tgt Ion:188 Resp: 542795
 Ion Ratio Lower Upper
 188 100
 94 10.6 6.8 10.2#
 80 11.7 7.1 10.7#



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

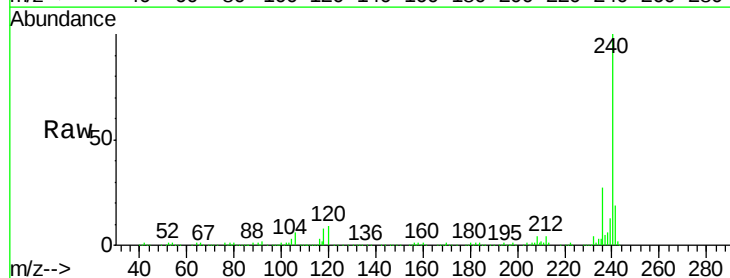


Time--> 11.10 11.15 11.20

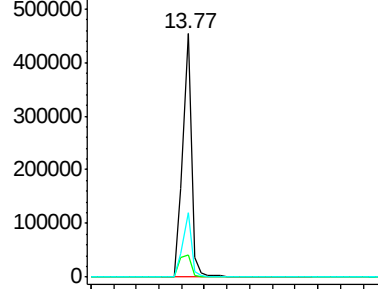


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF086899.D
 Acq: 11 May 2016 20:36

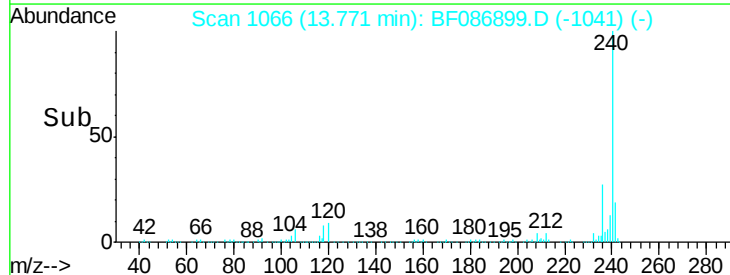
Tgt Ion:240 Resp: 468610
 Ion Ratio Lower Upper
 240 100
 120 9.2 11.2 16.8#
 236 26.6 21.2 31.8

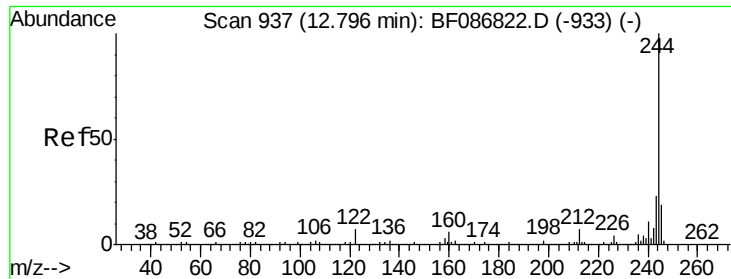


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time--> 13.60 13.80 14.00

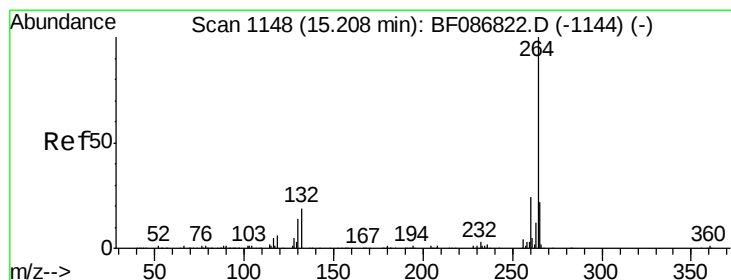
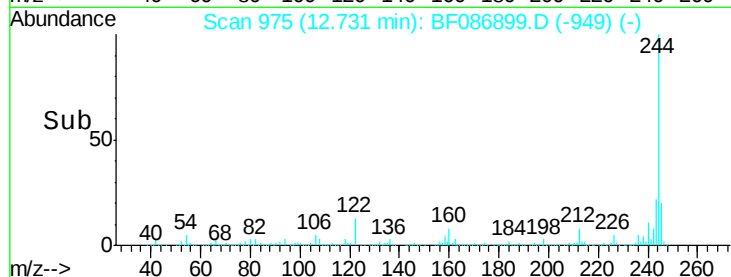
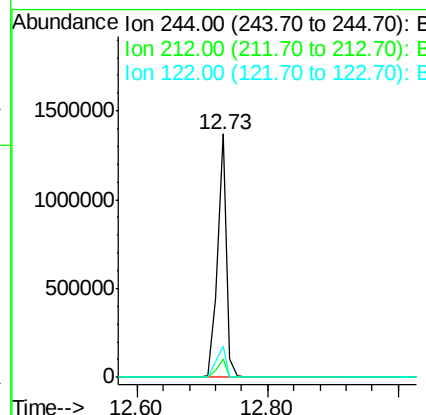
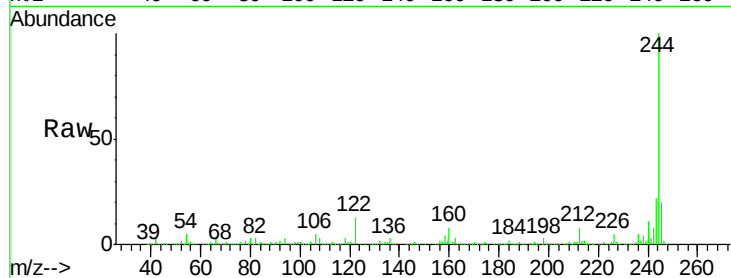




#78
 Terphenyl-d14
 Concen: 60.72 ng
 RT: 12.73 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF086899.D
 Acq: 11 May 2016 20:36

Instrument :
 BNA_F
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 SES-CS-EF-Q2

Tgt Ion:244 Resp: 1341109
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 12.7 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF086899.D
 Acq: 11 May 2016 20:36

Tgt Ion:264 Resp: 353059
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.2 17.3 25.9

