

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096750.D
 Acq On : 14 Jul 2017 1:50
 Operator : SJ/JU
 Sample : I4163-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-071217

Quant Time: Jul 14 05:18:04 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	244230	20.00	ng	0.16
21) Naphthalene-d8	8.28	136	110	20.00	ng	0.36
38) Acenaphthene-d10	10.12	164	741	20.00	ng	0.45
63) Phenanthrene-d10	11.67	188	1848	20.00	ng	0.53
75) Chrysene-d12	14.42	240	562	20.00	ng	0.64
86) Perylene-d12	15.90	264	947	20.00	ng	0.75
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	670719	41.29	ng	0.01
7) Phenol-d6	6.28	99	767763	39.39	ng	0.00
23) Nitrobenzene-d5	7.51	82	222	125.01	ng	0.31
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.49	172	130	2.77	ng	0.49
78) Terphenyl-d14	13.30	244	2086	64.37	ng	0.56

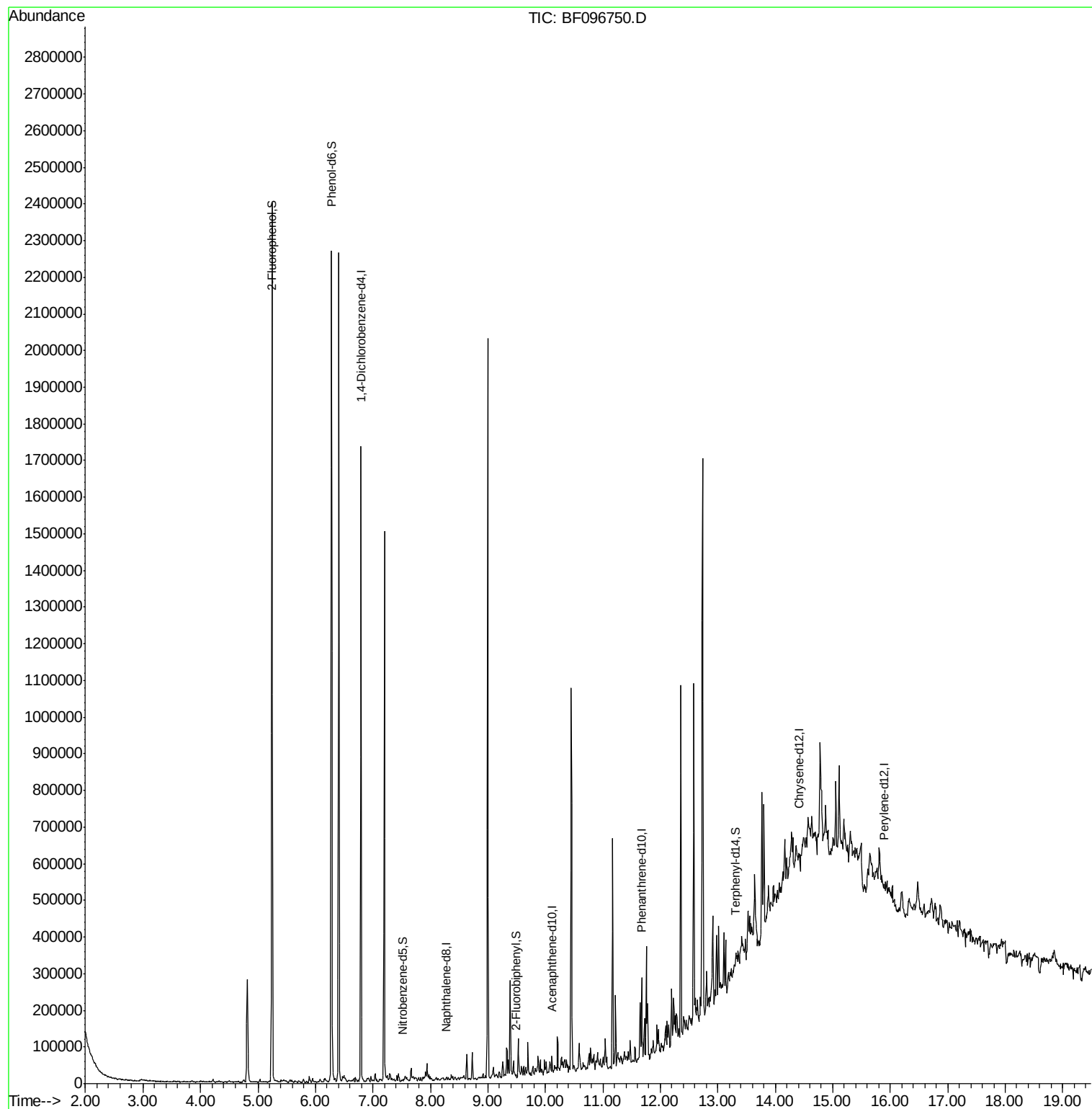
Target Compounds	Qvalue
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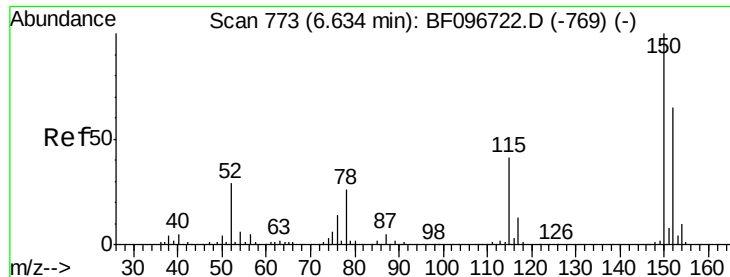
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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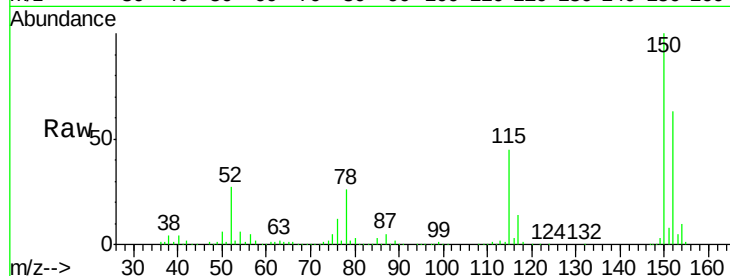


#1

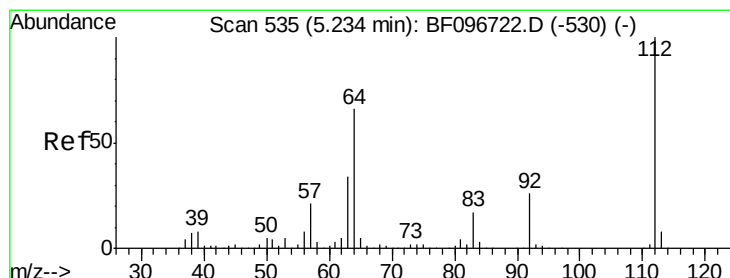
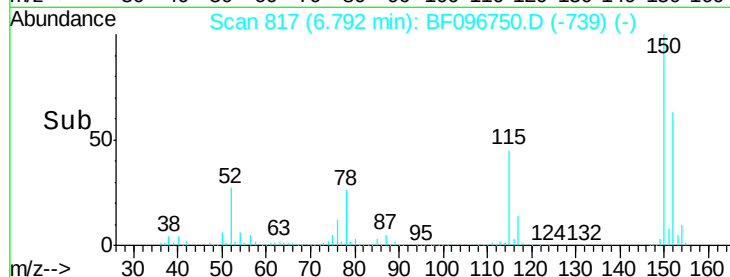
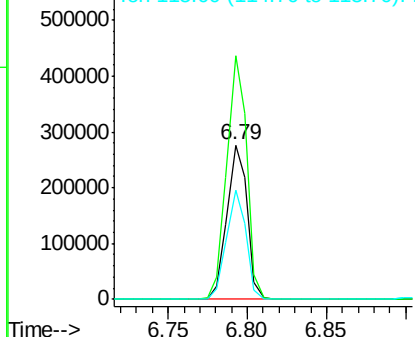
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 817
Delta R.T. 0.16 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:152 Resp: 244230
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 70.7 52.2 78.2



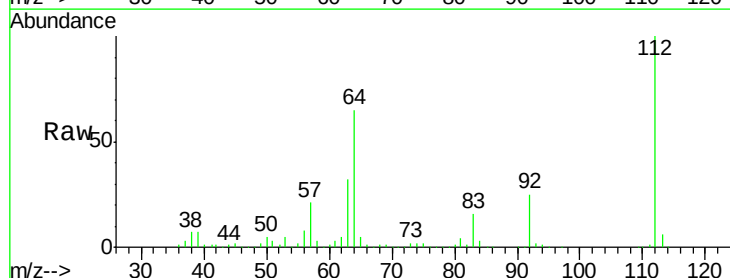
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



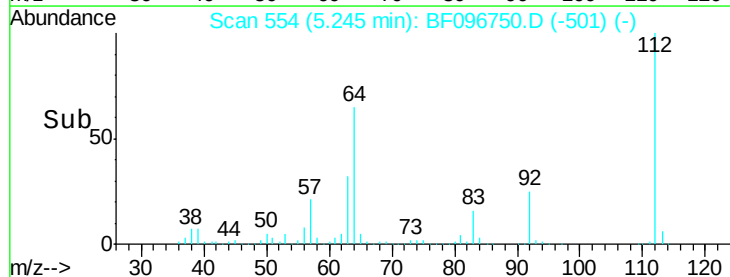
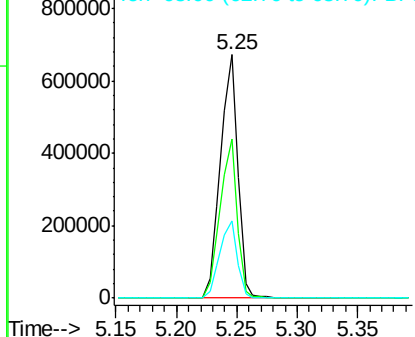
#5

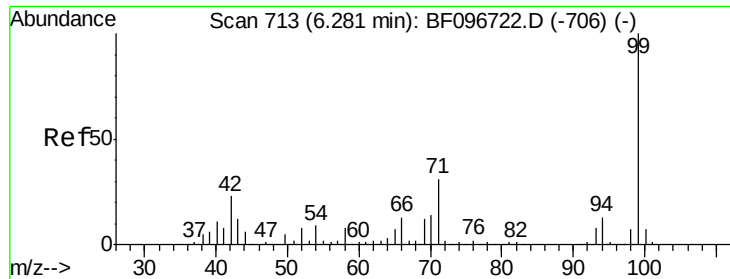
2-Fluorophenol
Concen: 41.292 ng
RT: 5.25 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:112 Resp: 670719
Ion Ratio Lower Upper
112 100
64 65.1 46.0 69.0
63 31.8 23.4 35.0



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: 39.388 ng

RT: 6.28 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF096750.D

Acq: 14 Jul 2017 1:50

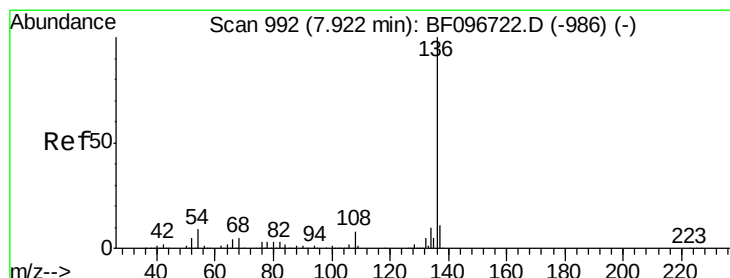
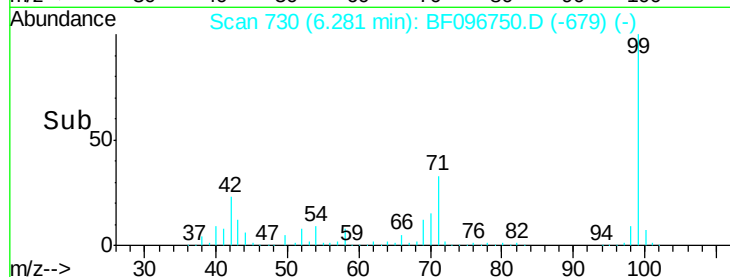
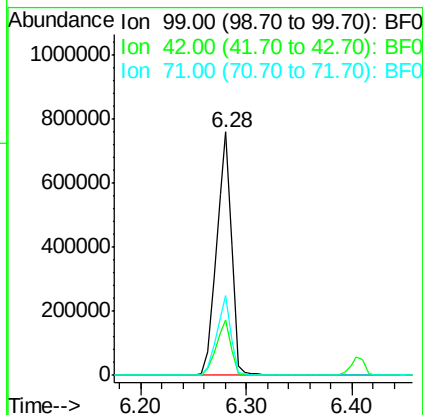
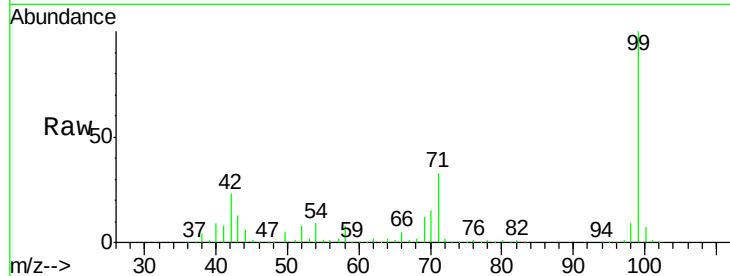
Instrument :

BNA_F

ClientSampleId :

SU-04-071217

Tgt Ion:	99	Resp:	767763
Ion	Ratio	Lower	Upper
99	100		
42	22.9	13.5	20.3#
71	32.7	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

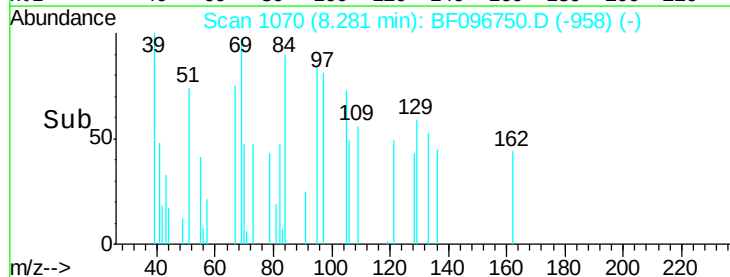
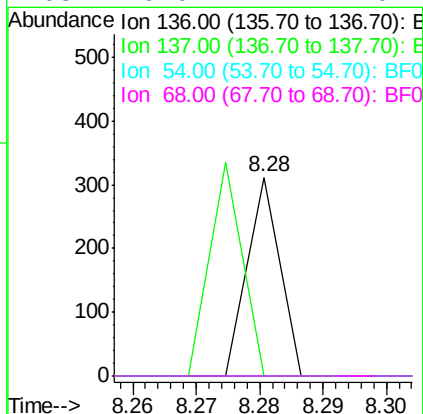
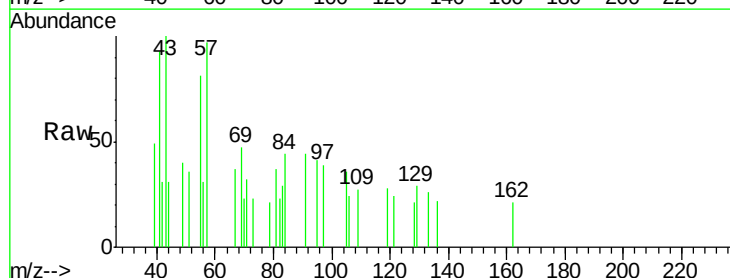
RT: 8.28 min Scan# 1070

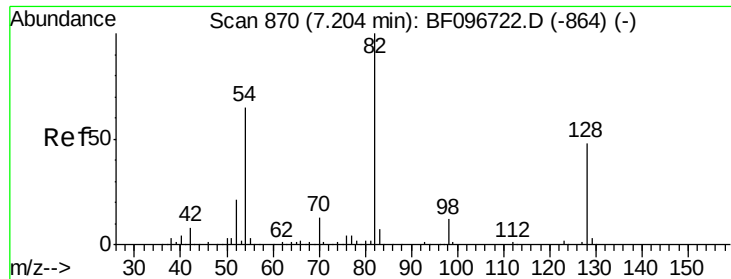
Delta R.T. 0.36 min

Lab File: BF096750.D

Acq: 14 Jul 2017 1:50

Tgt Ion:	136	Resp:	110
Ion	Ratio	Lower	Upper
136	100		
137	0.0	8.5	12.7#
54	0.0	4.9	7.3#
68	0.0	4.1	6.1#

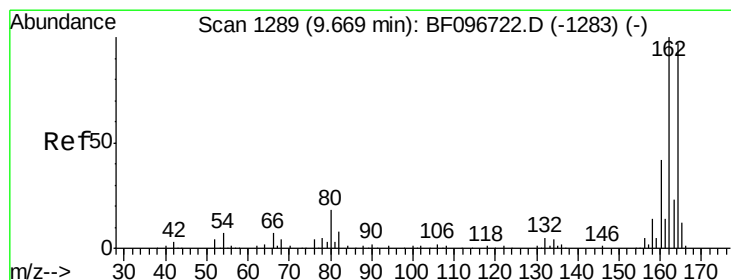
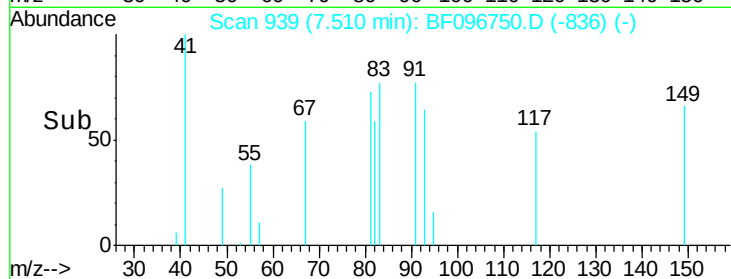
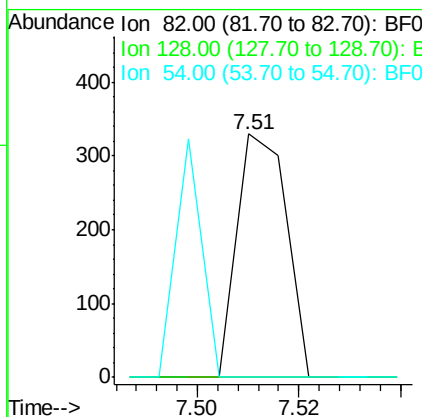
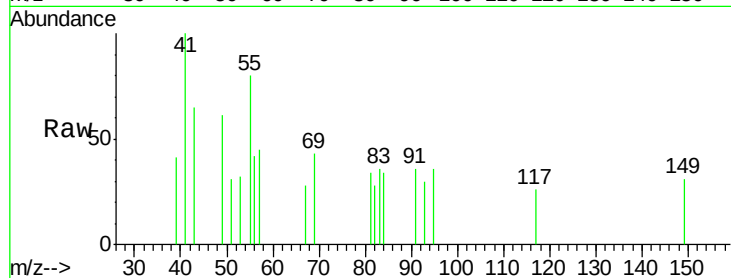




#23
 Nitrobenzene-d5
 Concen: 125.008 ng
 RT: 7.51 min Scan# 939
 Delta R.T. 0.31 min
 Lab File: BF096750.D
 Acq: 14 Jul 2017 1:50

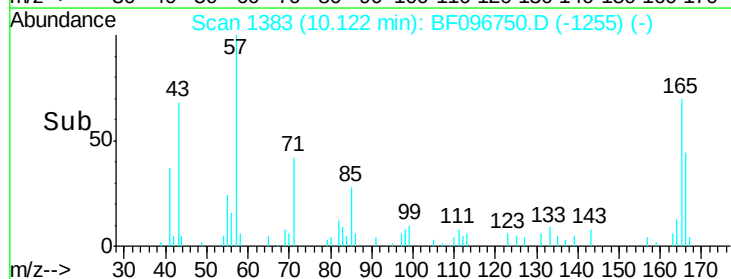
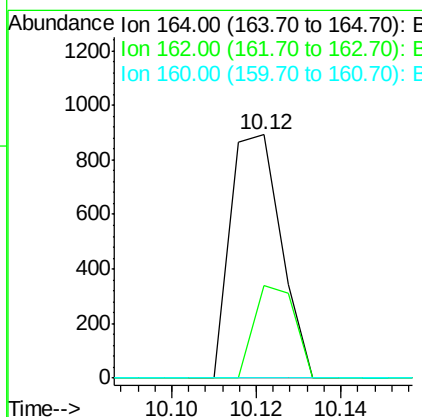
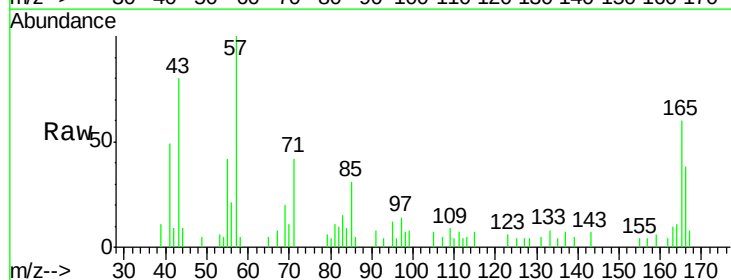
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-071217

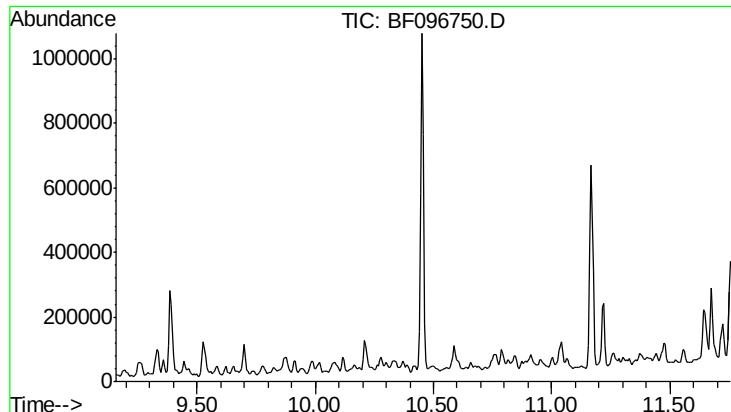
Tgt Ion	Ratio	Lower	Upper
82	100		
128	0.0	34.0	51.0#
54	0.0	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.12 min Scan# 1383
 Delta R.T. 0.45 min
 Lab File: BF096750.D
 Acq: 14 Jul 2017 1:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	38.2	82.6	123.8#
160	0.0	36.2	54.2#

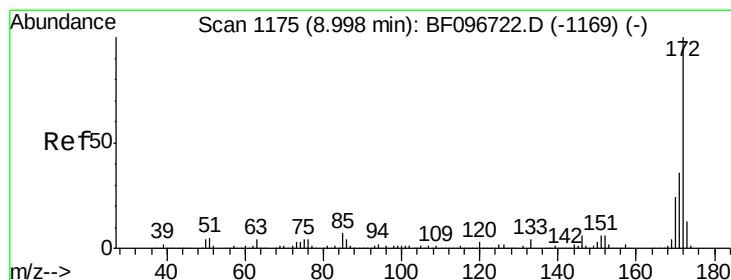
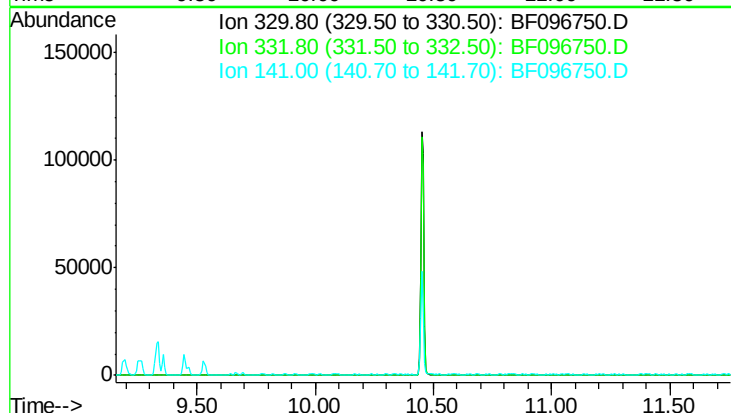




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.46 min
 Lab File: BF096750.D
 Acq: 14 Jul 2017 1:50

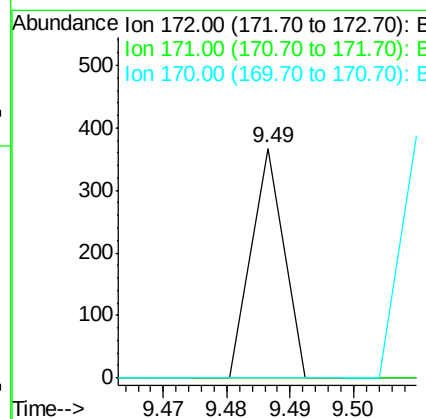
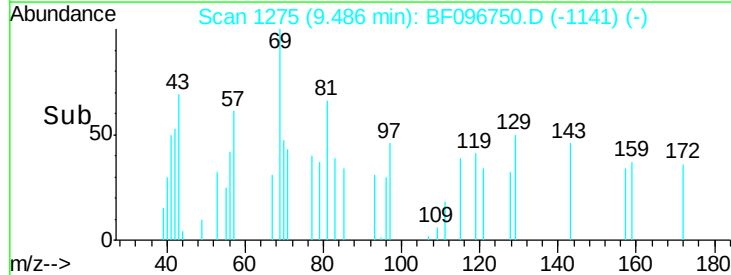
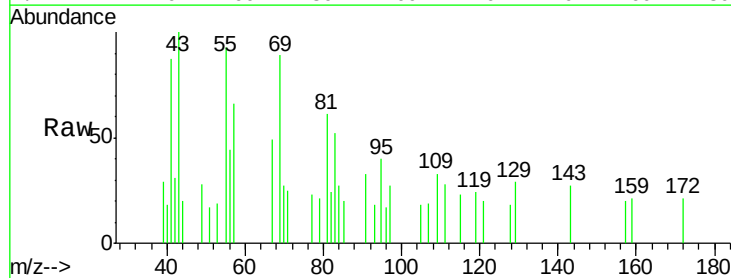
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-071217

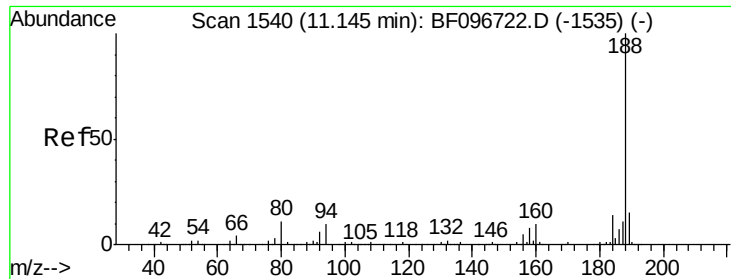
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 39.3



#44
 2-Fluorobiphenyl
 Concen: 2.772 ng
 RT: 9.49 min Scan# 1275
 Delta R.T. 0.49 min
 Lab File: BF096750.D
 Acq: 14 Jul 2017 1:50

Tgt Ion: 172 Resp: 130
 Ion Ratio Lower Upper
 172 100
 171 0.0 29.6 44.4#
 170 0.0 19.8 29.8#

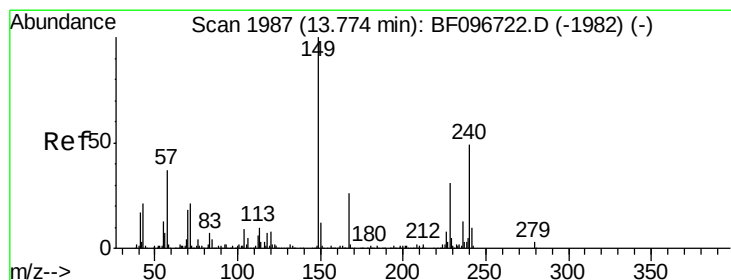
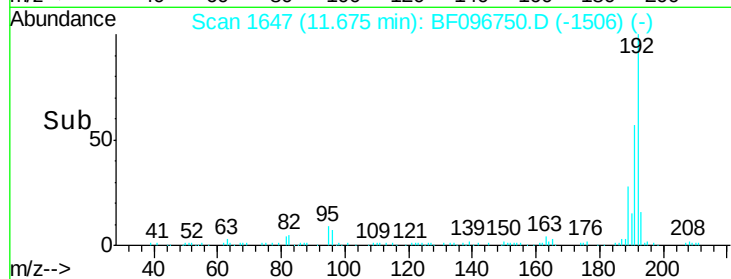
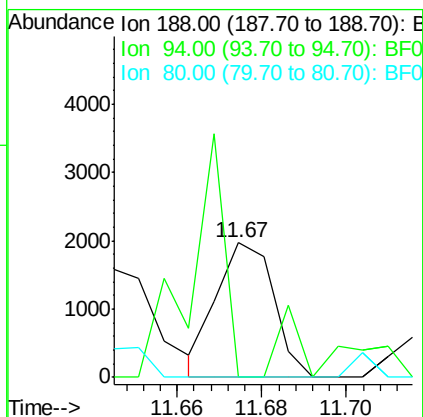
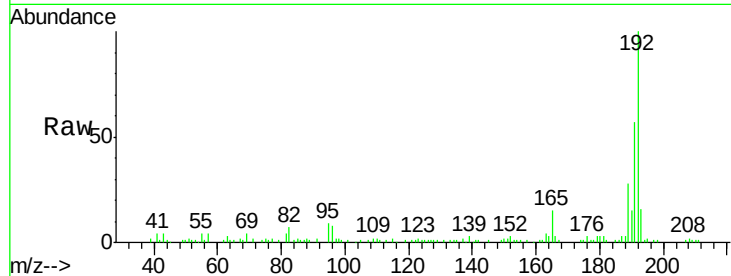




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.67 min Scan# 1647
Delta R.T. 0.53 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

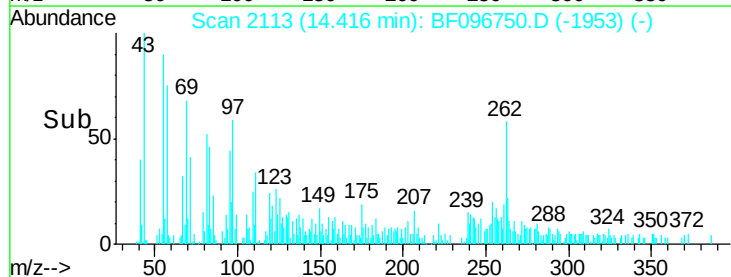
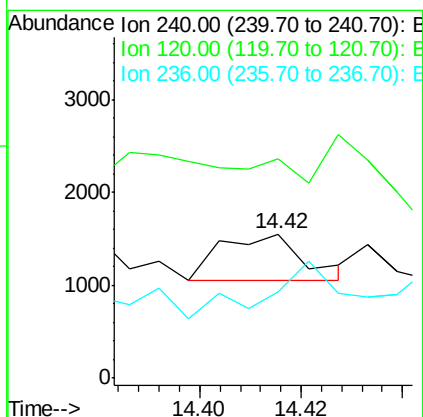
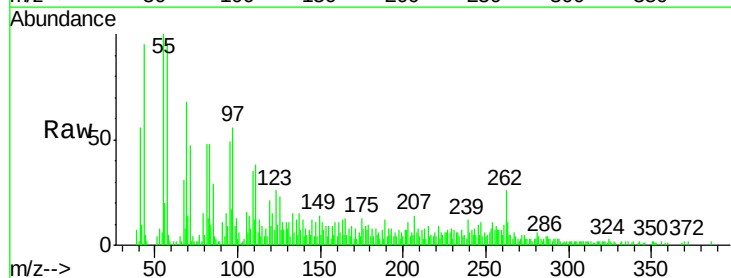
Instrument :
BNA_F
ClientSampleId :
SU-04-071217

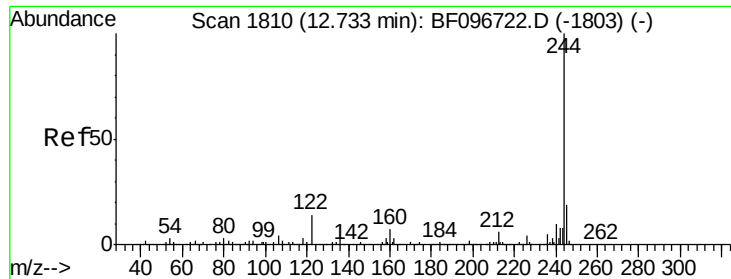
Tgt Ion:188 Resp: 1848
Ion Ratio Lower Upper
188 100
94 338.0 9.4 14.2#
80 0.0 10.2 15.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.42 min Scan# 2113
Delta R.T. 0.64 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:240 Resp: 562
Ion Ratio Lower Upper
240 100
120 152.4 5.8 8.8#
236 60.1 20.5 30.7#

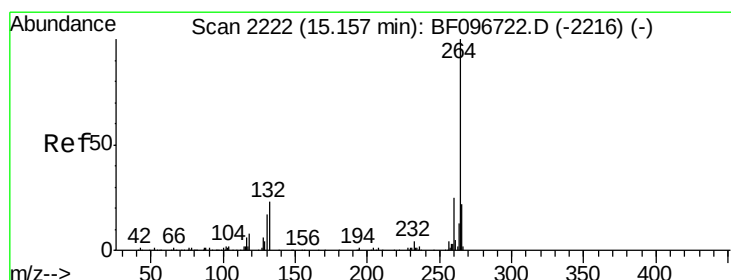
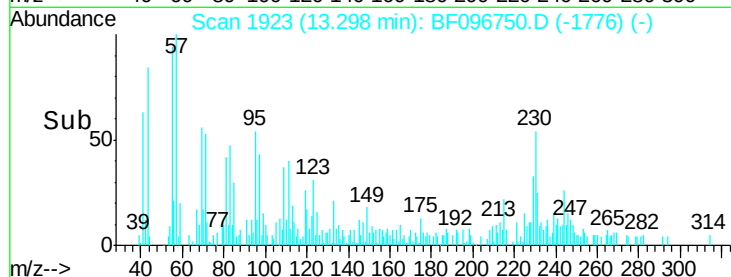
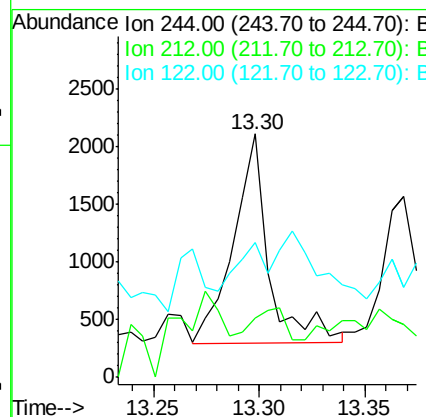
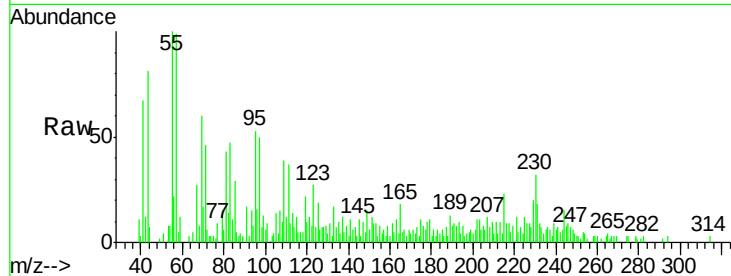




#78
 Terphenyl-d14
 Concen: 64.371 ng
 RT: 13.30 min Scan# 1923
 Delta R.T. 0.56 min
 Lab File: BF096750.D
 Acq: 14 Jul 2017 1:50

Instrument :
 BNA_F
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 SU-04-071217

Tgt Ion: 244 Resp: 2086
 Ion Ratio Lower Upper
 244 100
 212 24.1 6.0 9.0#
 122 55.4 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.90 min Scan# 2366
 Delta R.T. 0.75 min
 Lab File: BF096750.D
 Acq: 14 Jul 2017 1:50

Tgt Ion: 264 Resp: 947
 Ion Ratio Lower Upper
 264 100
 260 63.5 19.5 29.3#
 265 237.6 17.2 25.8#

