

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100917.D
 Acq On : 28 Nov 2017 3:17
 Operator : SJ/JU
 Sample : I6584-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112117-TIDO-F-D-S

Manual Integrations
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 11/28/2017 2:46:53 PM

Quant Time: Nov 28 03:47:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	66628	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	259008	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	120478	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	216180	20.00	ng	0.00
75) Chrysene-d12	14.02	240	147759	20.00	ng	0.00
86) Perylene-d12	15.49	264	133791	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	138194	33.25	ng	0.00
7) Phenol-d6	6.48	99	101539	19.81	ng	-0.01
23) Nitrobenzene-d5	7.42	82	367469	93.80	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	103773	84.53	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	751807	95.02	ng	0.00
78) Terphenyl-d14	12.97	244	600078	93.31	ng	0.00

Target Compounds Qvalue

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

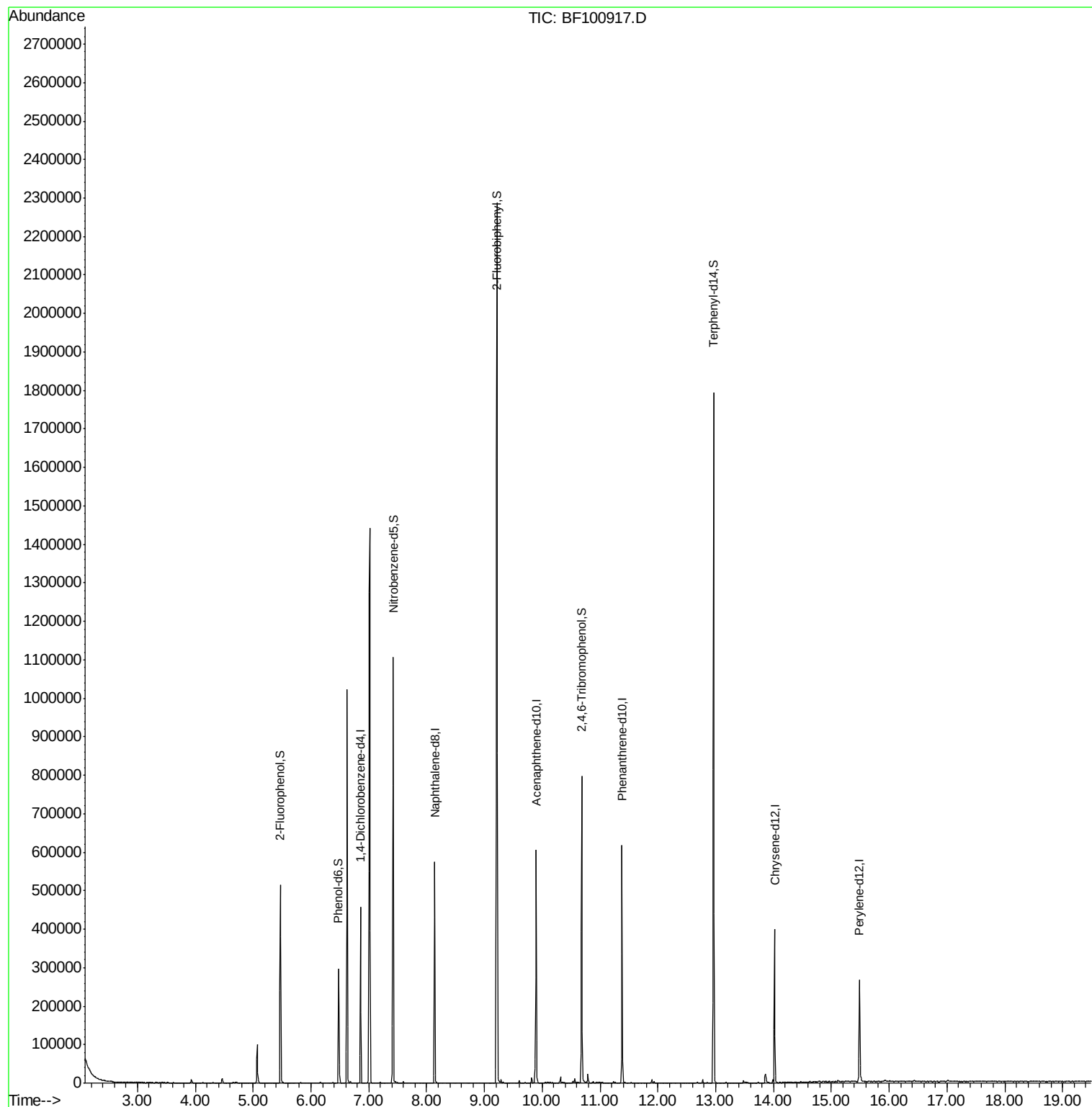
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100917.D
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Sample : I6584-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

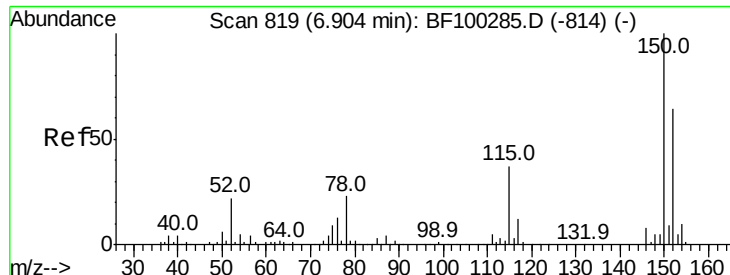
Instrument :
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#1

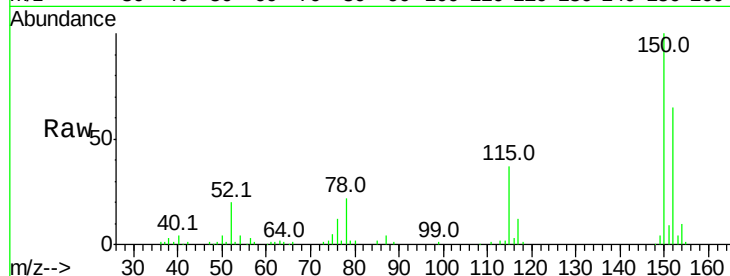
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100917.D
Acq: 28 Nov 2017 3:17

Instrument :
BNA_F
ClientSampleId :
112117-TIDO-F-D-S

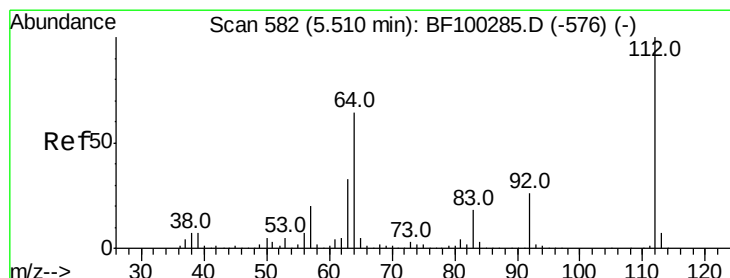
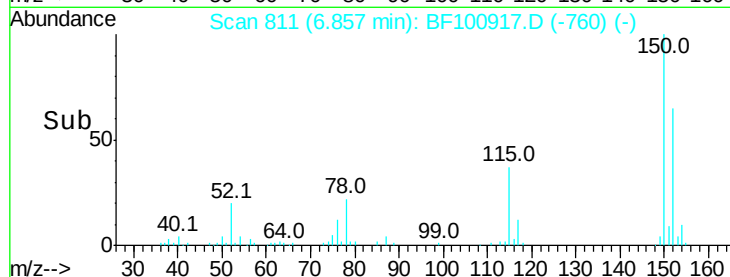
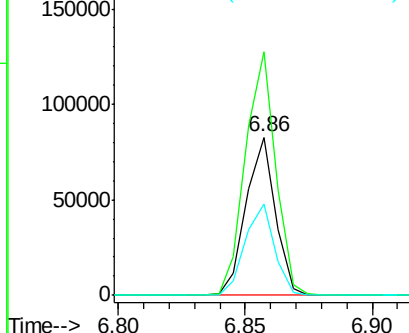
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	57.3	50.1	75.1

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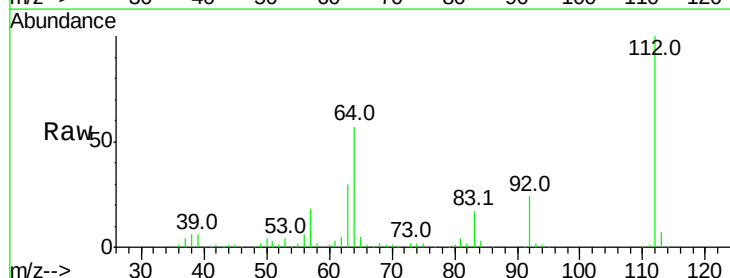
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



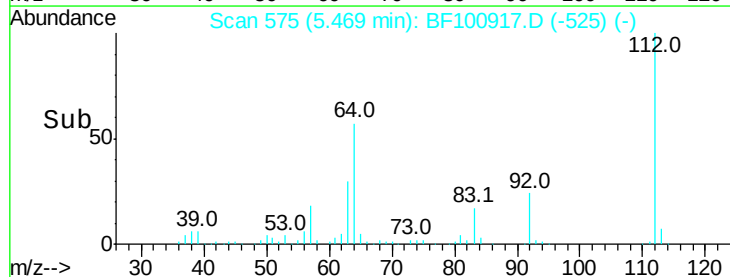
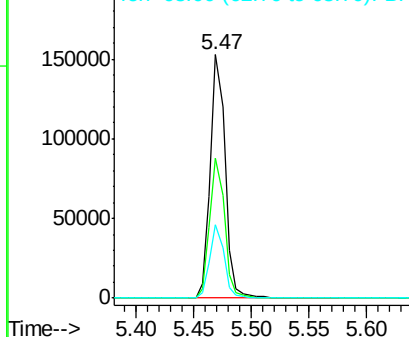
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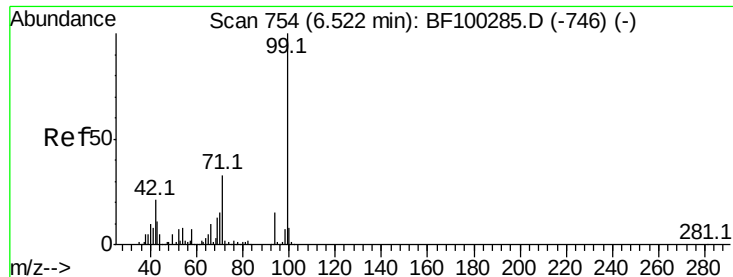
2-Fluorophenol
Concen: 33.248 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF100917.D
Acq: 28 Nov 2017 3:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.9	71.9
63	29.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 19.811 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100917.D

Acq: 28 Nov 2017 3:17

Instrument :

BNA_F

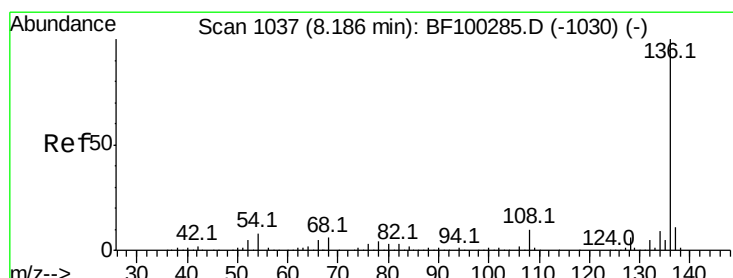
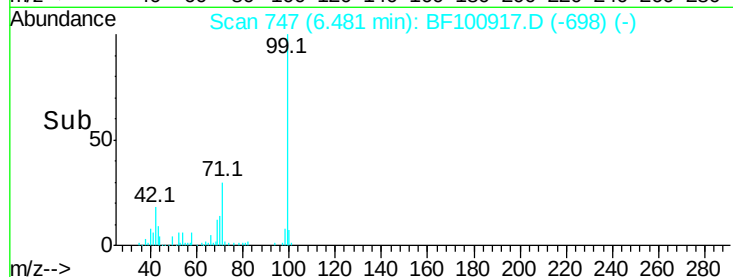
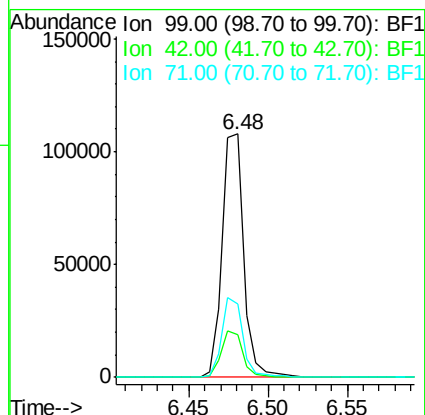
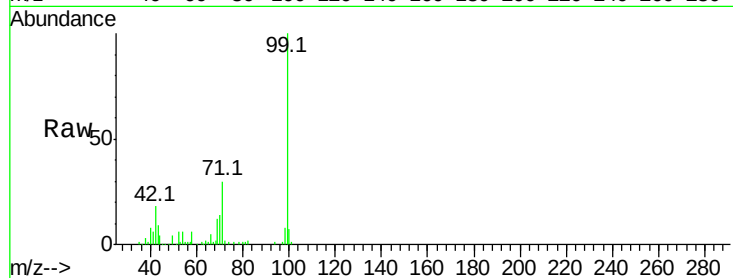
ClientSampleId :

112117-TIDO-F-D-S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		101539		
42	17.7	14.5	21.7		
71	30.0	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

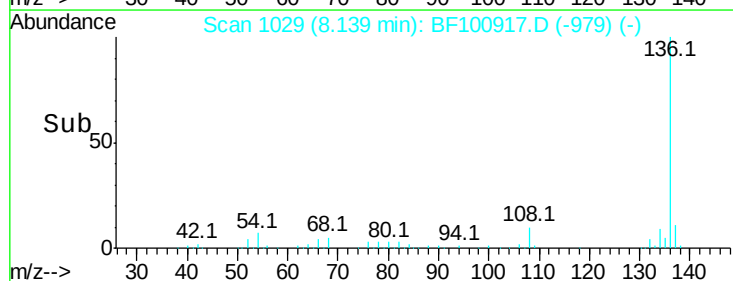
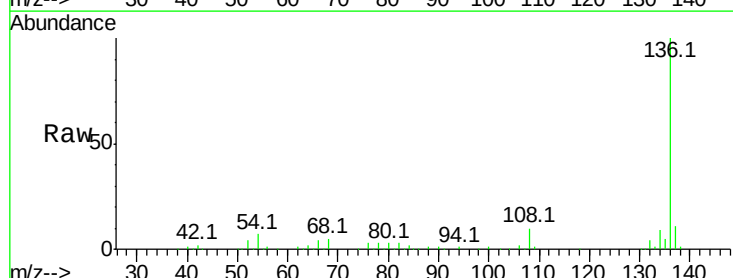
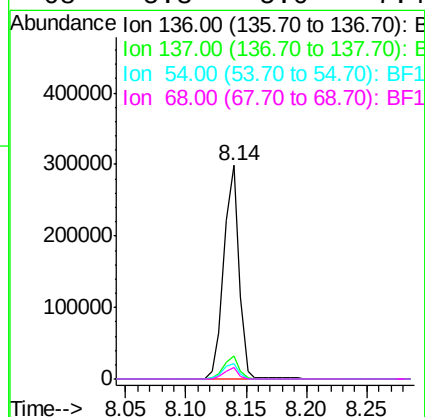
RT: 8.14 min Scan# 1029

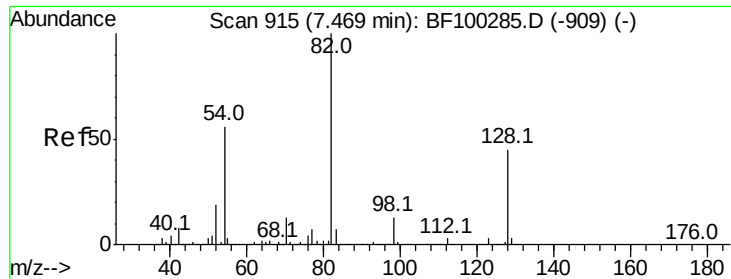
Delta R.T. -0.01 min

Lab File: BF100917.D

Acq: 28 Nov 2017 3:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		259008		
137	10.8	8.9	13.3		
54	7.0	6.6	9.8		
68	5.3	5.0	7.4		





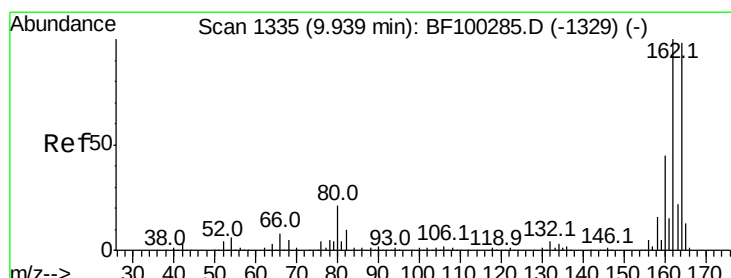
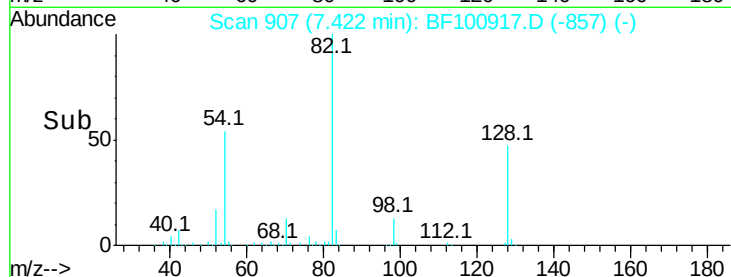
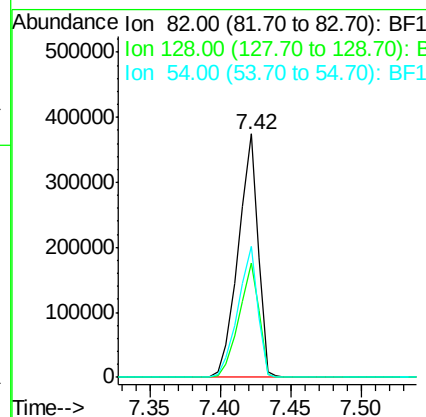
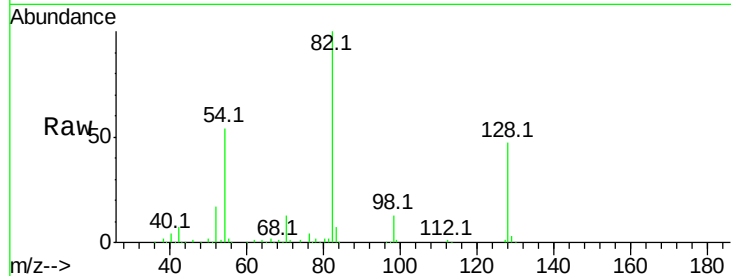
#23
Nitrobenzene-d5
Concen: 93.799 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100917.D
Acq: 28 Nov 2017 3:17

Instrument :
BNA_F
ClientSampleId :
112117-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	54.0	41.4	62.2

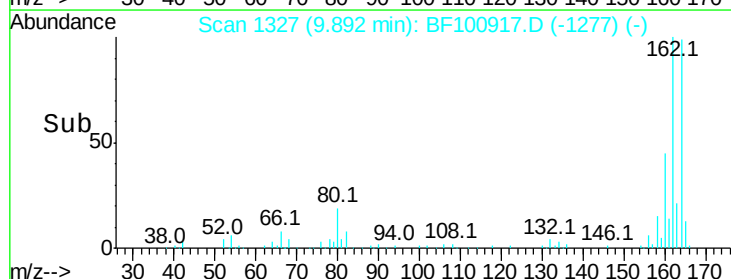
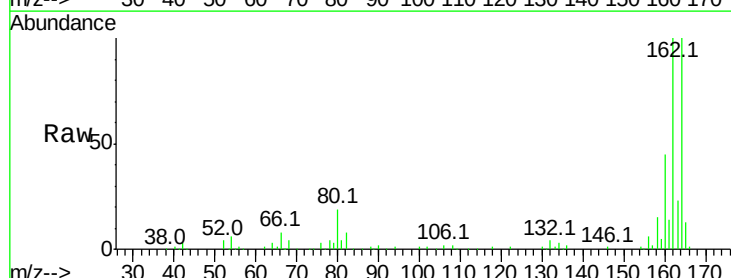
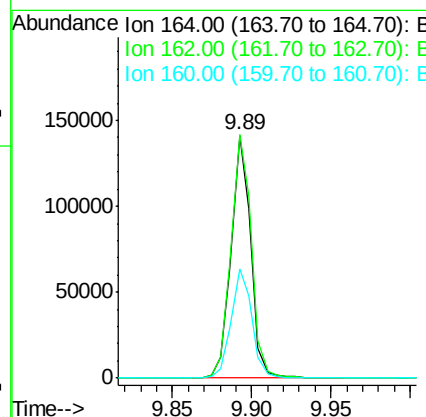
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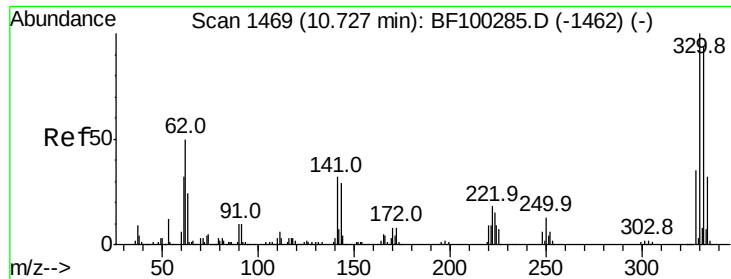
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100917.D
Acq: 28 Nov 2017 3:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	86.1	129.1
160	45.0	38.3	57.5





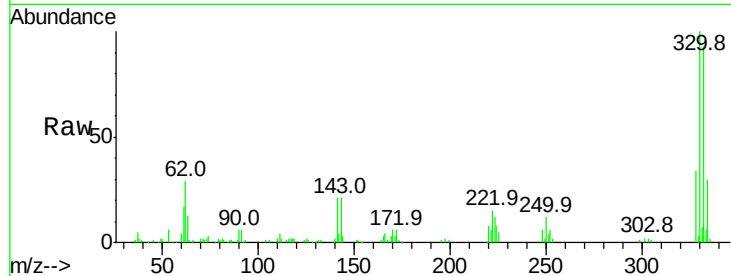
#41
 2,4,6-Tribromophenol
 Concen: 84.528 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF100917.D
 Acq: 28 Nov 2017 3:17

Instrument :
 BNA_F
 ClientSampleId :
 112117-TIDO-F-D-S

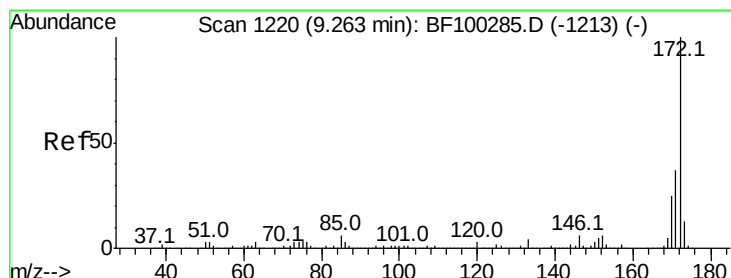
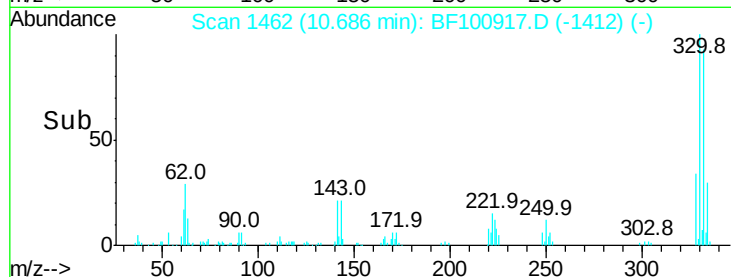
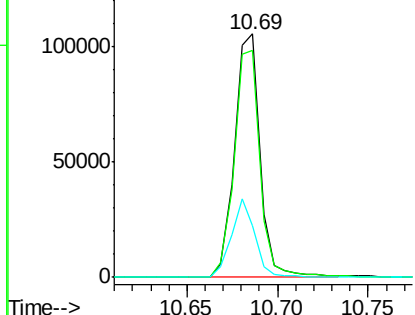
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	29.5	29.9	44.9#

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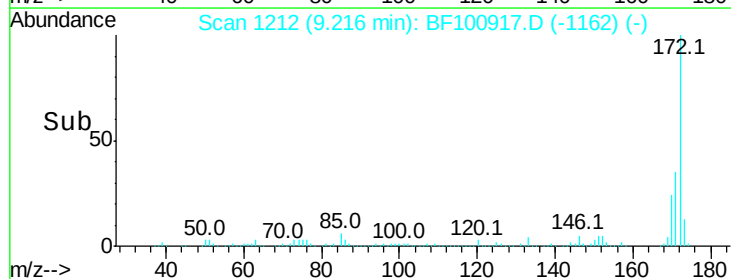
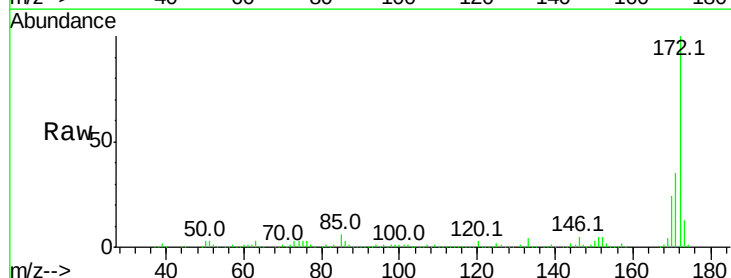
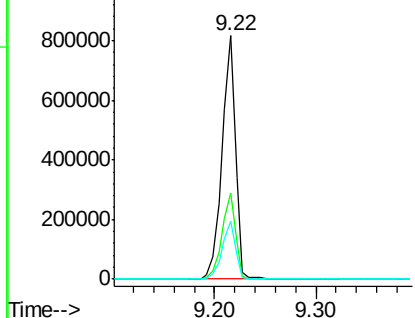
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

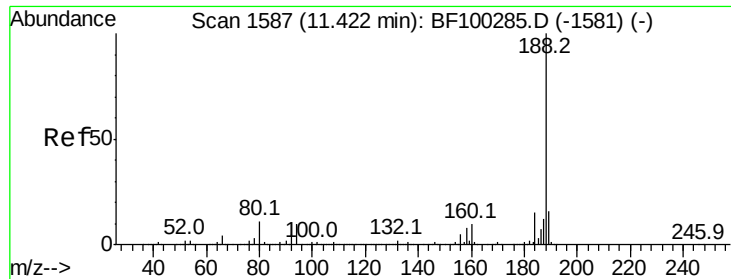


#44
 2-Fluorobiphenyl
 Concen: 95.020 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF100917.D
 Acq: 28 Nov 2017 3:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.8	19.6	29.4

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





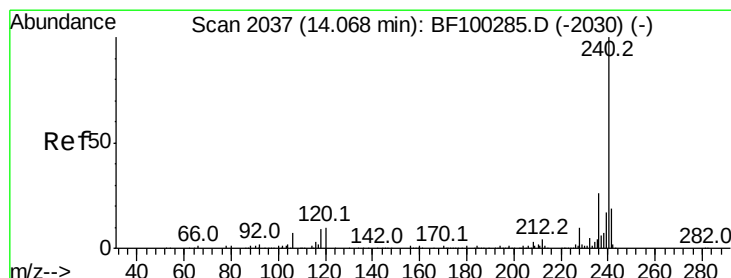
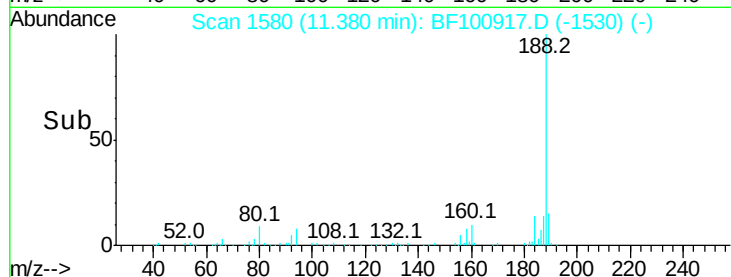
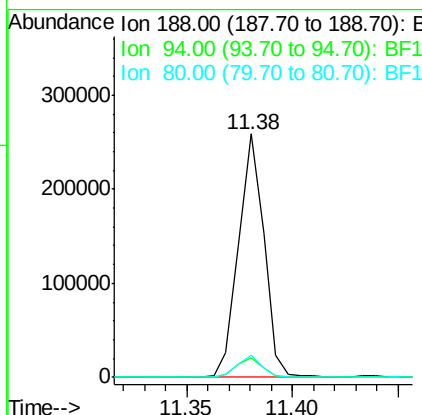
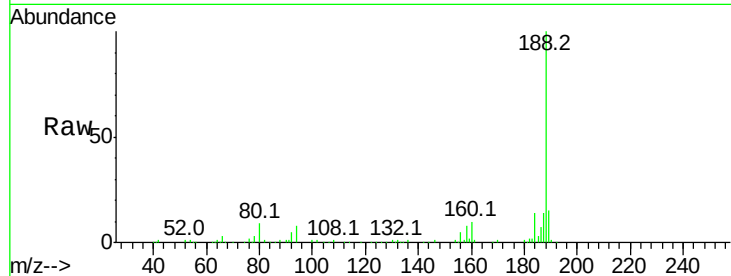
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF100917.D
Acq: 28 Nov 2017 3:17

Instrument :
BNA_F
ClientSampleId :
112117-TIDO-F-D-S

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	9.4	9.2	13.8

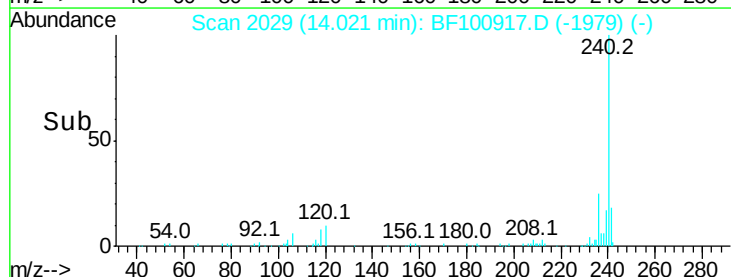
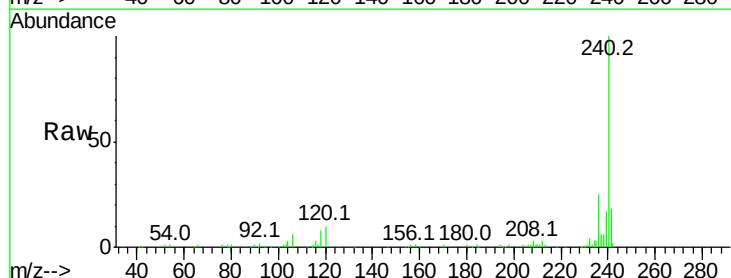
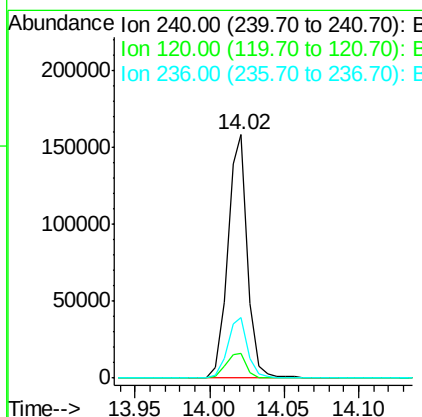
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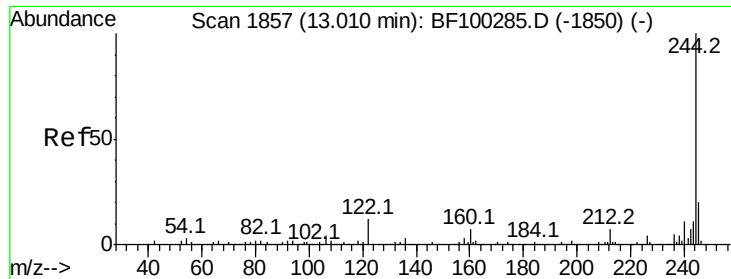
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100917.D
Acq: 28 Nov 2017 3:17

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.2	9.5	14.3
236	25.1	20.7	31.1





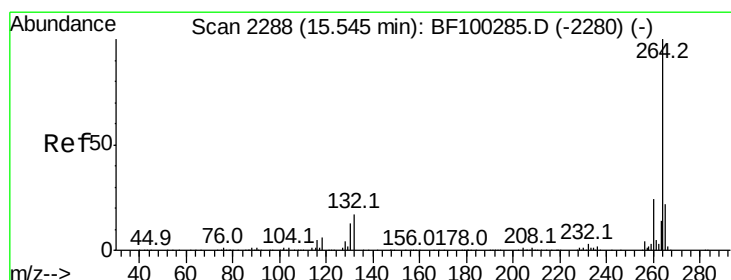
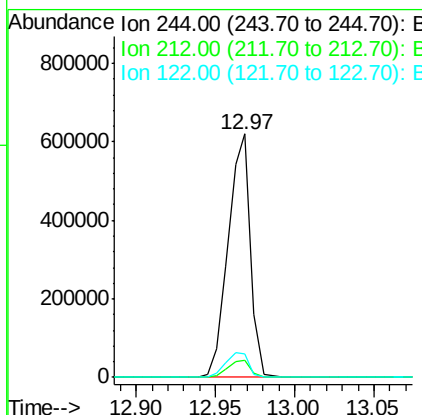
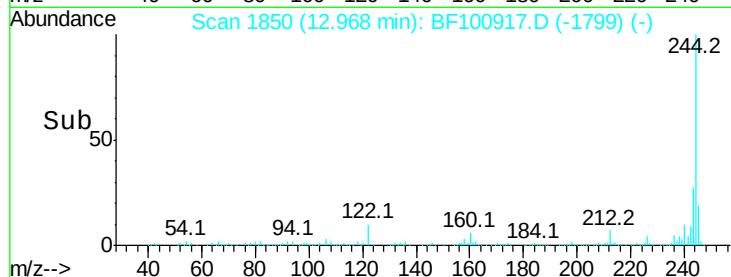
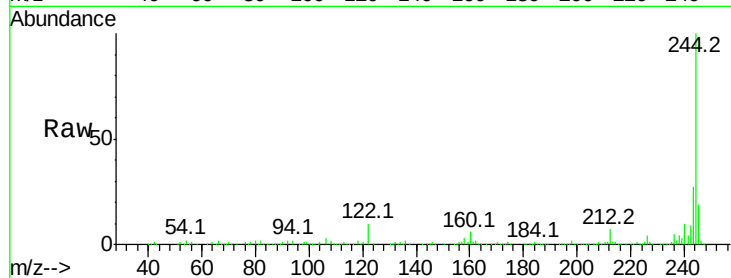
#78
 Terphenyl-d14
 Concen: 93.314 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF100917.D
 Acq: 28 Nov 2017 3:17

Instrument :
 BNA_F
 ClientSampleId :
 112117-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.8	11.0	16.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF100917.D
 Acq: 28 Nov 2017 3:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.2	17.5	26.3

