

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF100987.D
 Acq On : 29 Nov 2017 19:25
 Operator : SJ/JU
 Sample : I6306-03 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-112817-A

Manual Integrations
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Quant Time: Nov 30 02:36:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	77516	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	295144	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	121689	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	187421	20.00	ng	0.00
75) Chrysene-d12	14.02	240	155814	20.00	ng	0.00
86) Perylene-d12	15.49	264	117167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	93073	19.25	ng	-0.01
7) Phenol-d6	6.47	99	113119	18.97	ng	-0.02
23) Nitrobenzene-d5	7.41	82	65491	14.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	22670	18.28	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	140331	17.56	ng	-0.01
78) Terphenyl-d14	12.96	244	99012	14.60	ng	0.00

Target Compounds Qvalue

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

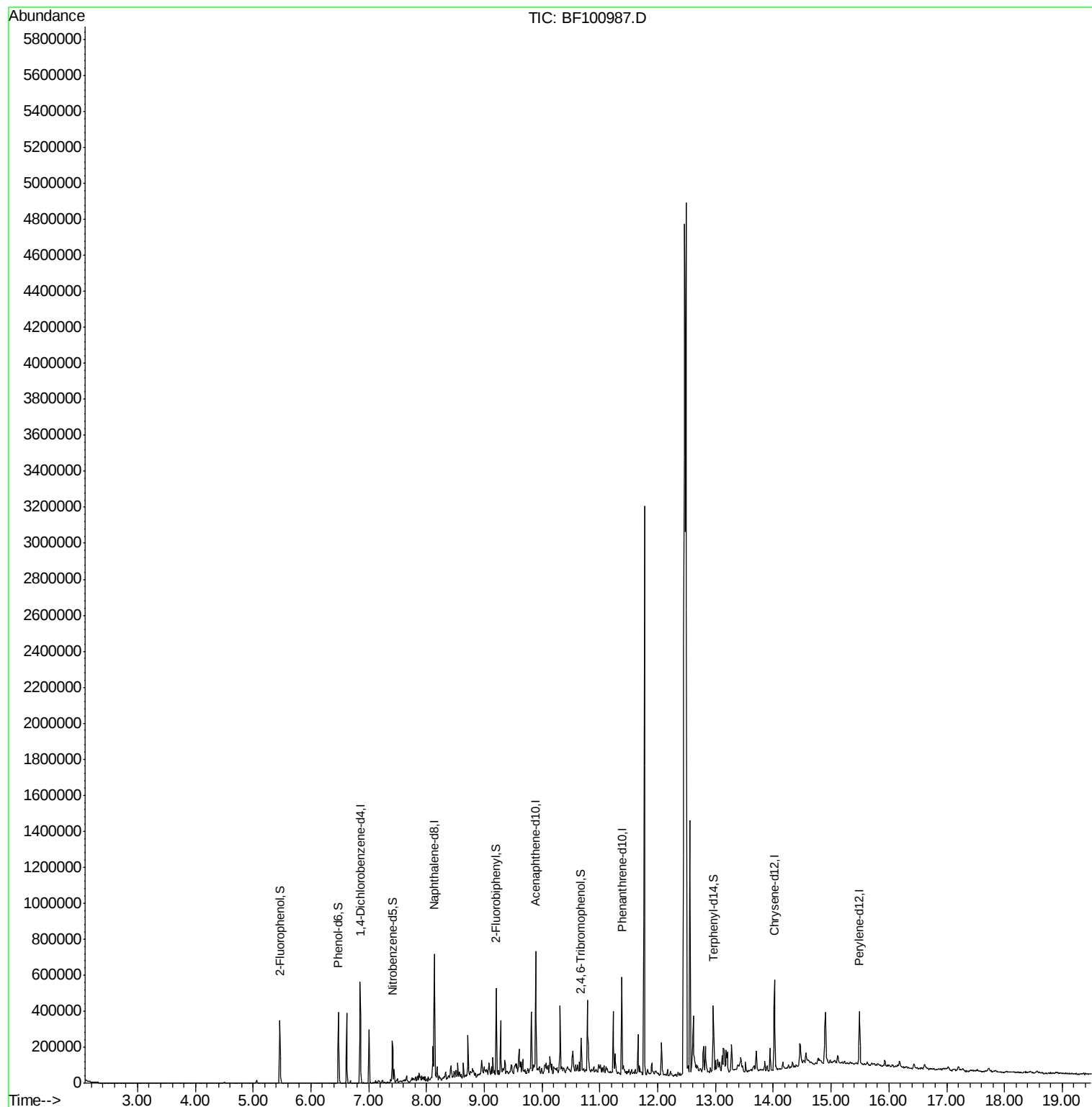
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
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ALS Vial : 16 Sample Multiplier: 1

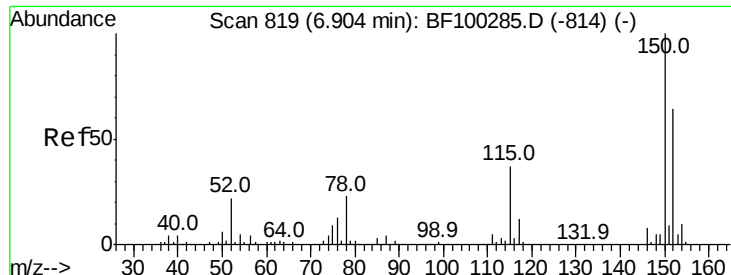
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#1

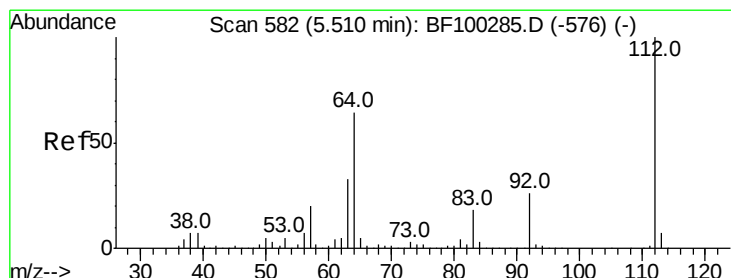
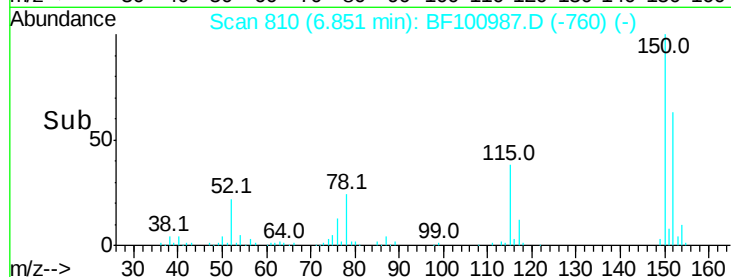
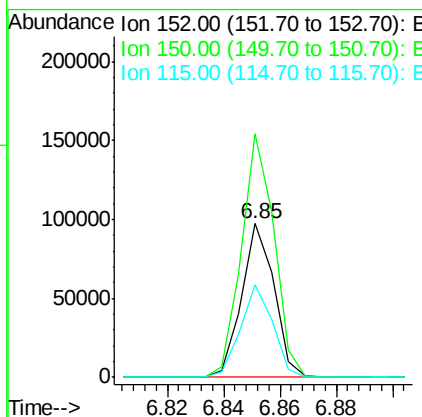
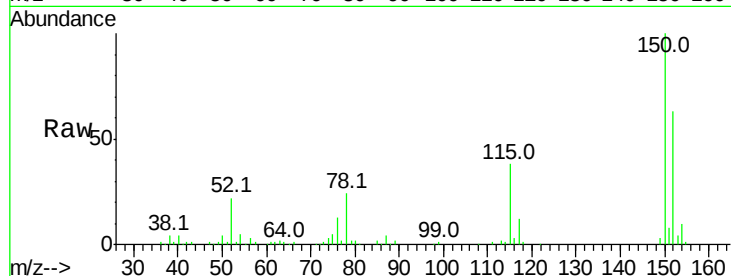
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100987.D
Acq: 29 Nov 2017 19:25

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	60.5	50.1	75.1

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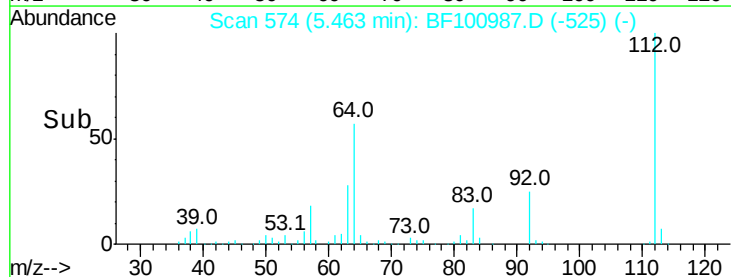
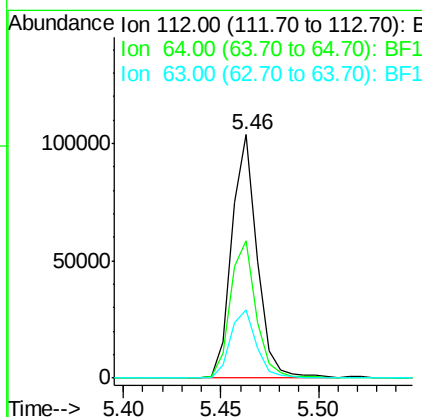
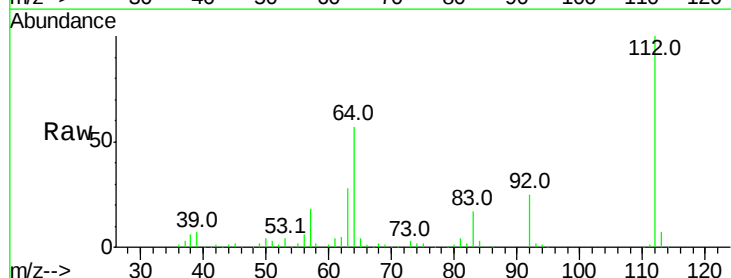
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#5

2-Fluorophenol
Concen: 19.247 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF100987.D
Acq: 29 Nov 2017 19:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	28.1	23.7	35.5





#7

Phenol-d6

Concen: 18.970 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF100987.D

Acq: 29 Nov 2017 19:25

Instrument :

BNA_F

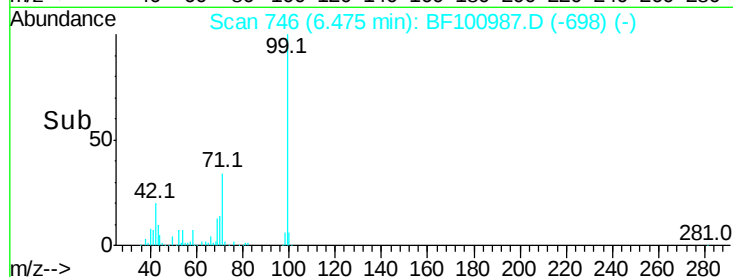
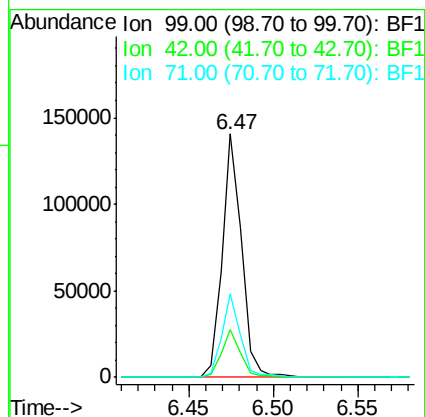
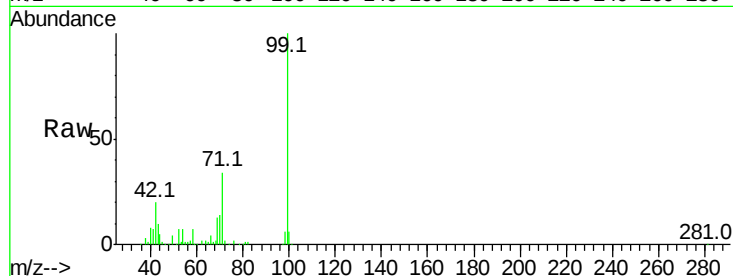
ClientSampleId :

NB-08-112817-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		113119		
42	19.6	14.5	21.7		
71	34.3	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

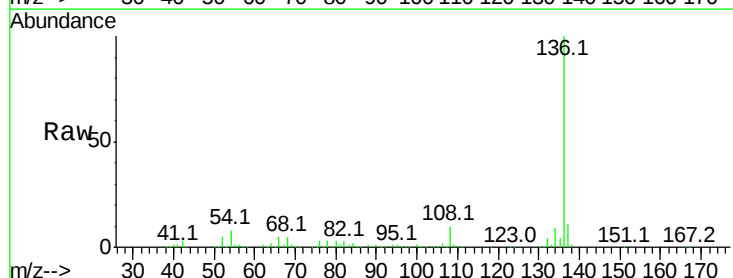
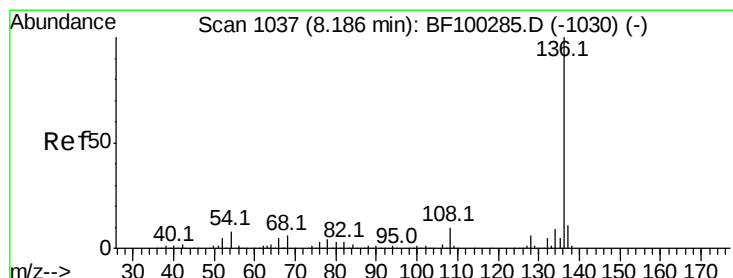
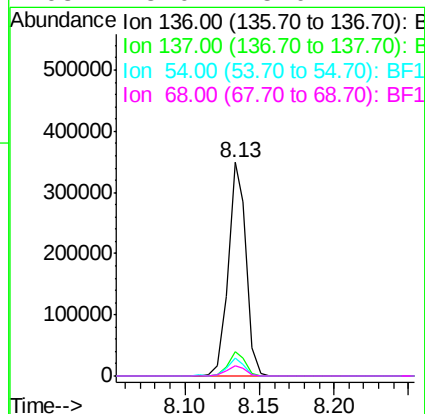
RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF100987.D

Acq: 29 Nov 2017 19:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		295144		
137	11.3	8.9	13.3		
54	8.3	6.6	9.8		
68	5.0	5.0	7.4		





#23

Nitrobenzene-d5

Concen: 14.670 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF100987.D

Acq: 29 Nov 2017 19:25

Instrument :

BNA_F

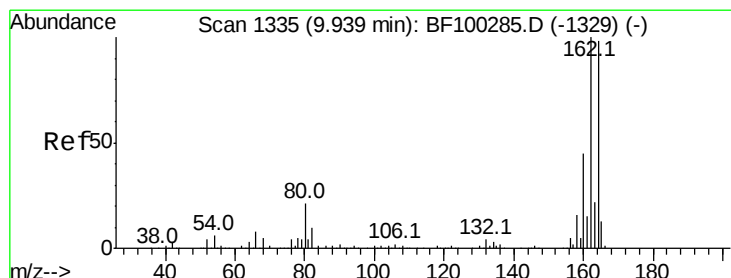
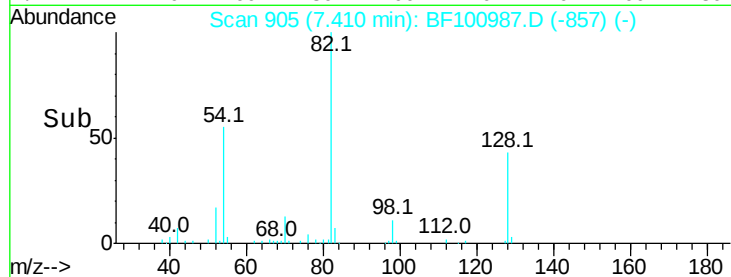
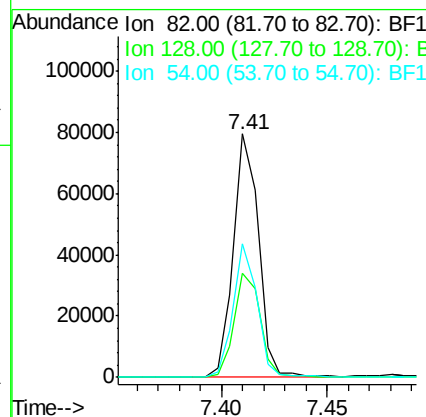
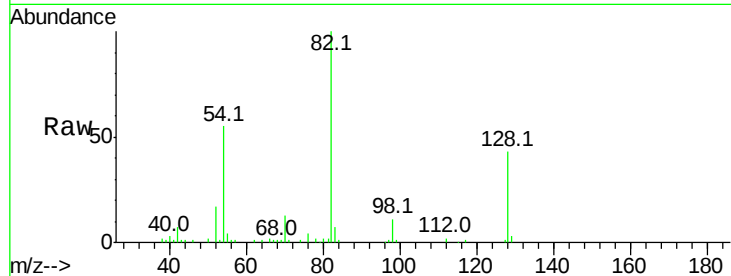
ClientSampleId :

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Tot Ion:	82	Resp:	65491
Ion Ratio	Lower	Upper	
82	100		
128	42.7	36.1	54.1
54	55.1	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

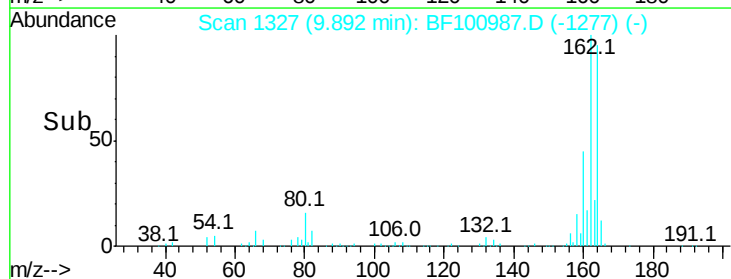
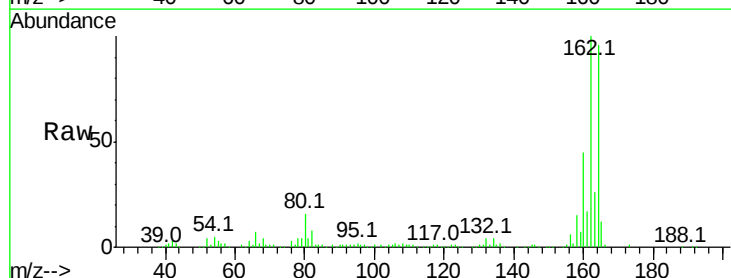
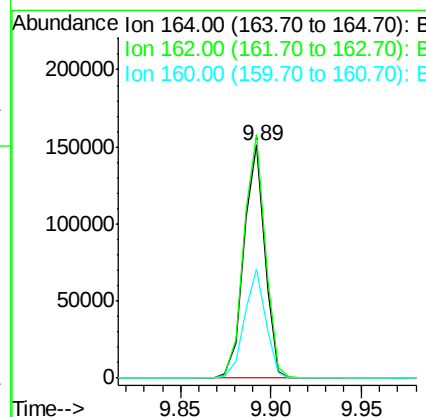
RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF100987.D

Acq: 29 Nov 2017 19:25

Tgt Ion:	164	Resp:	121689
Ion Ratio	Lower	Upper	
164	100		
162	104.4	86.1	129.1
160	46.9	38.3	57.5





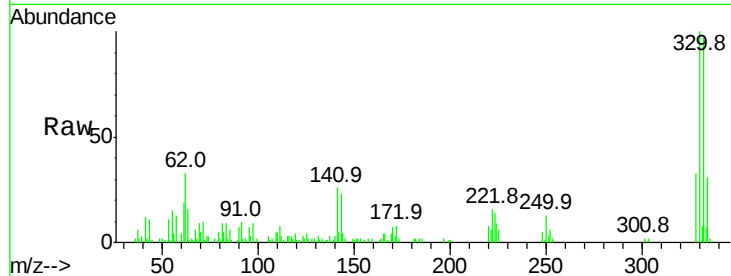
#41
 2,4,6-Tribromophenol
 Concen: 18.282 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100987.D
 Acq: 29 Nov 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-112817-A

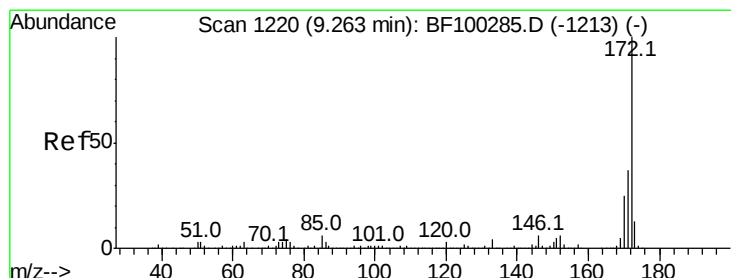
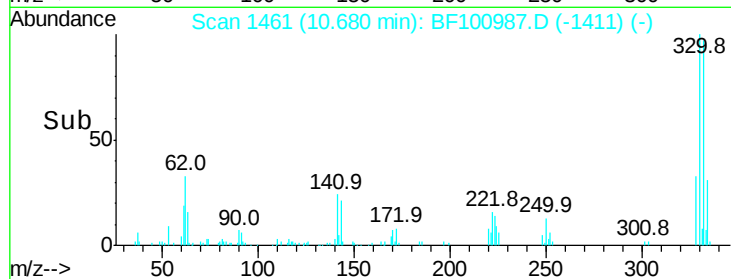
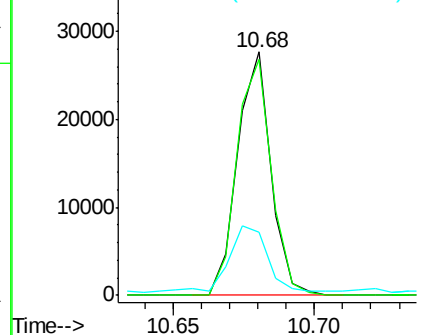
Tot Ion	Ratio	Lower	Upper
330	100		
332	100.1	77.0	115.6
141	31.5	29.9	44.9

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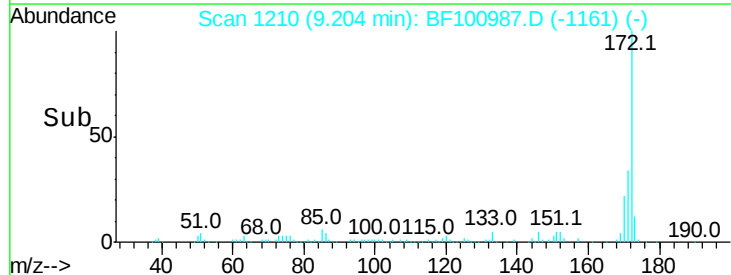
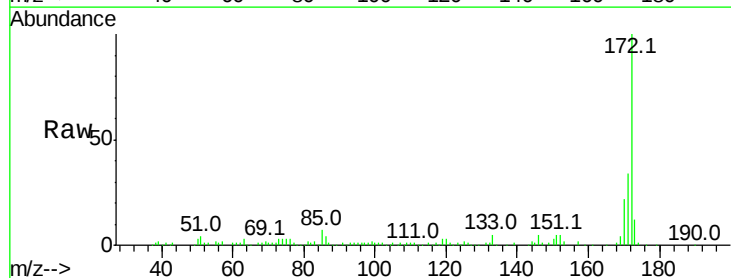
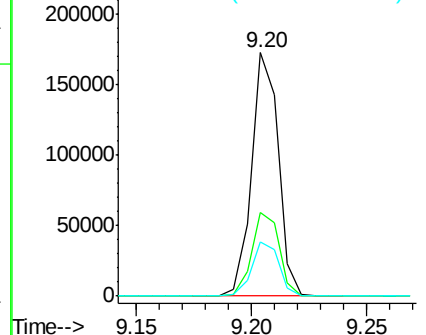
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

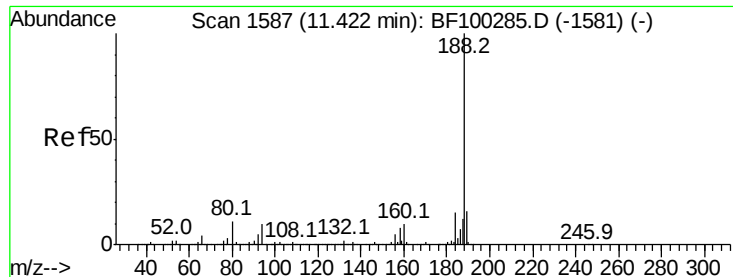


#44
 2-Fluorobiphenyl
 Concen: 17.560 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF100987.D
 Acq: 29 Nov 2017 19:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.7	44.5
170	22.2	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. -0.00 min

Lab File: BF100987.D

Acq: 29 Nov 2017 19:25

Instrument :

BNA_F

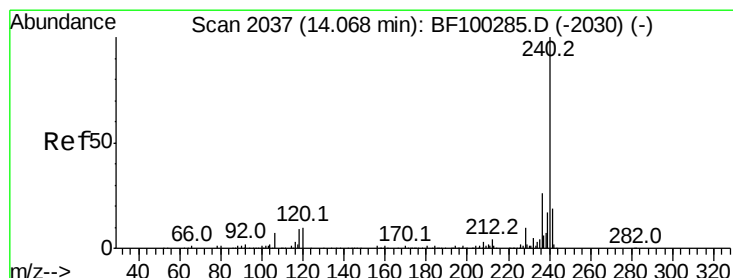
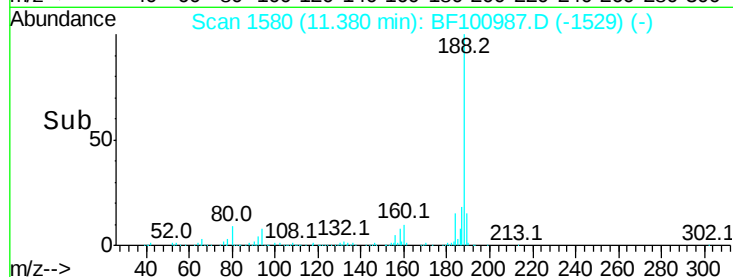
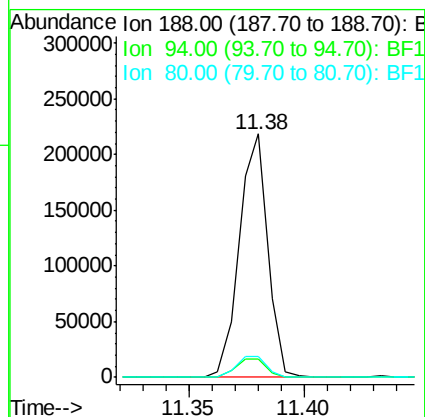
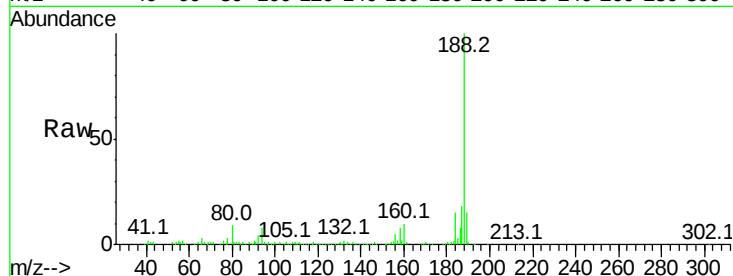
ClientSampleId :

NB-08-112817-A

Tot Ion:	188	Resp:	187421
Ion Ratio	Lower	Upper	
188	100		
94	7.7	8.5	12.7#
80	8.6	9.2	13.8#

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#75

Chrysene-d12

Concen: 20.000 ng

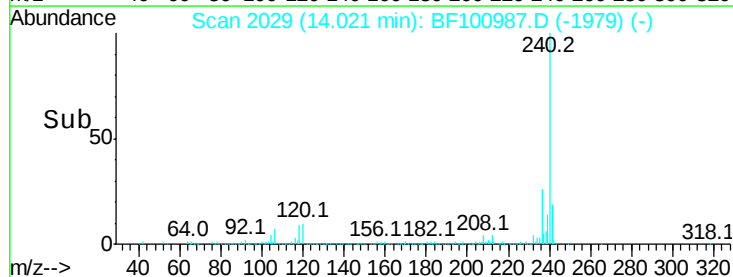
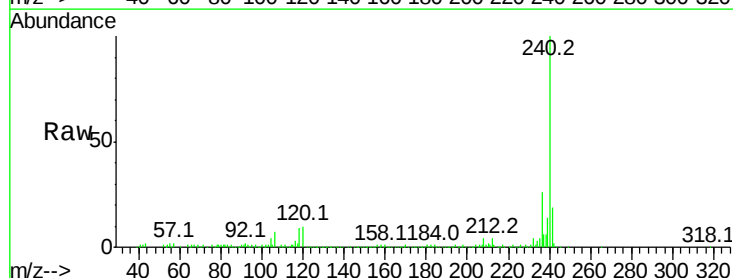
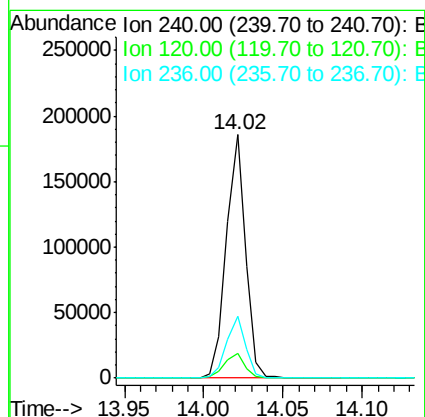
RT: 14.02 min Scan# 2029

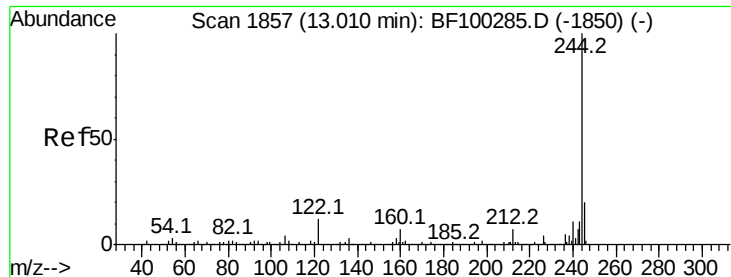
Delta R.T. -0.01 min

Lab File: BF100987.D

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Tgt Ion:	240	Resp:	155814
Ion Ratio	Lower	Upper	
240	100		
120	10.1	9.5	14.3
236	25.6	20.7	31.1





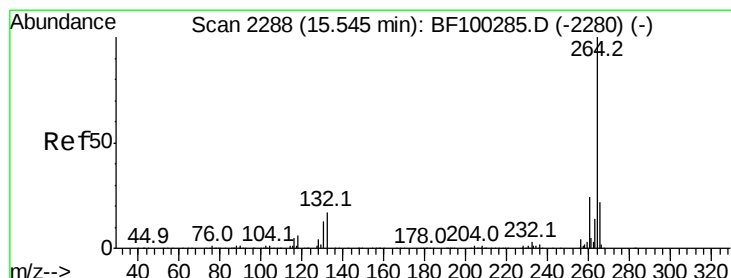
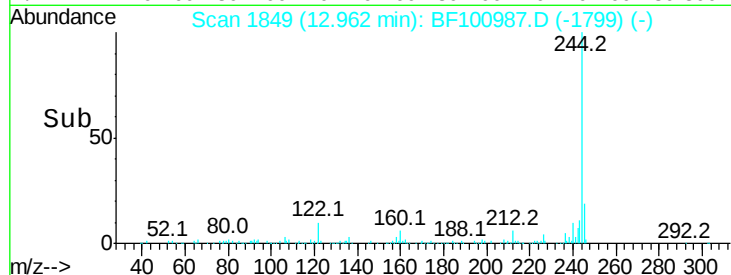
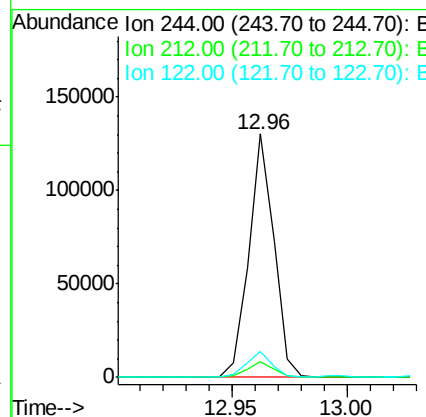
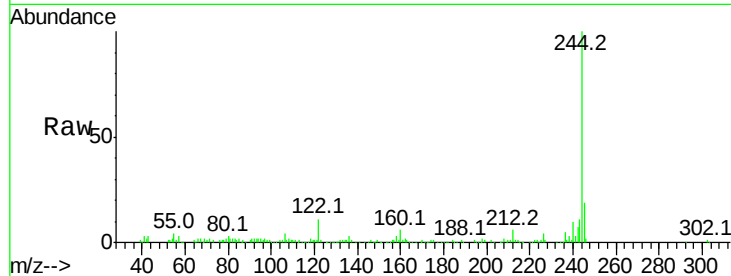
#78
 Terphenyl-d14
 Concen: 14.601 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF100987.D
 Acq: 29 Nov 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-112817-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	10.5	11.0	16.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BF100987.D
 Acq: 29 Nov 2017 19:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.2	17.5	26.3

