

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100910.D
 Acq On : 28 Nov 2017 00:13
 Operator : SJ/JU
 Sample : PB104527TB
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104527TB

Manual Integrations
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 11/28/2017 2:46:40 PM

Quant Time: Nov 28 07:24:44 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	61272	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	241907	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	114863	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	211431	20.00	ng	0.00
75) Chrysene-d12	14.02	240	146333	20.00	ng	0.00
86) Perylene-d12	15.49	264	122082	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	467871	122.40	ng	0.01
7) Phenol-d6	6.49	99	557656	118.31	ng	0.00
23) Nitrobenzene-d5	7.42	82	348617	95.28	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	148473	126.85	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	735141	97.46	ng	0.00
78) Terphenyl-d14	12.97	244	648642	101.85	ng	0.00

Target Compounds Qvalue

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

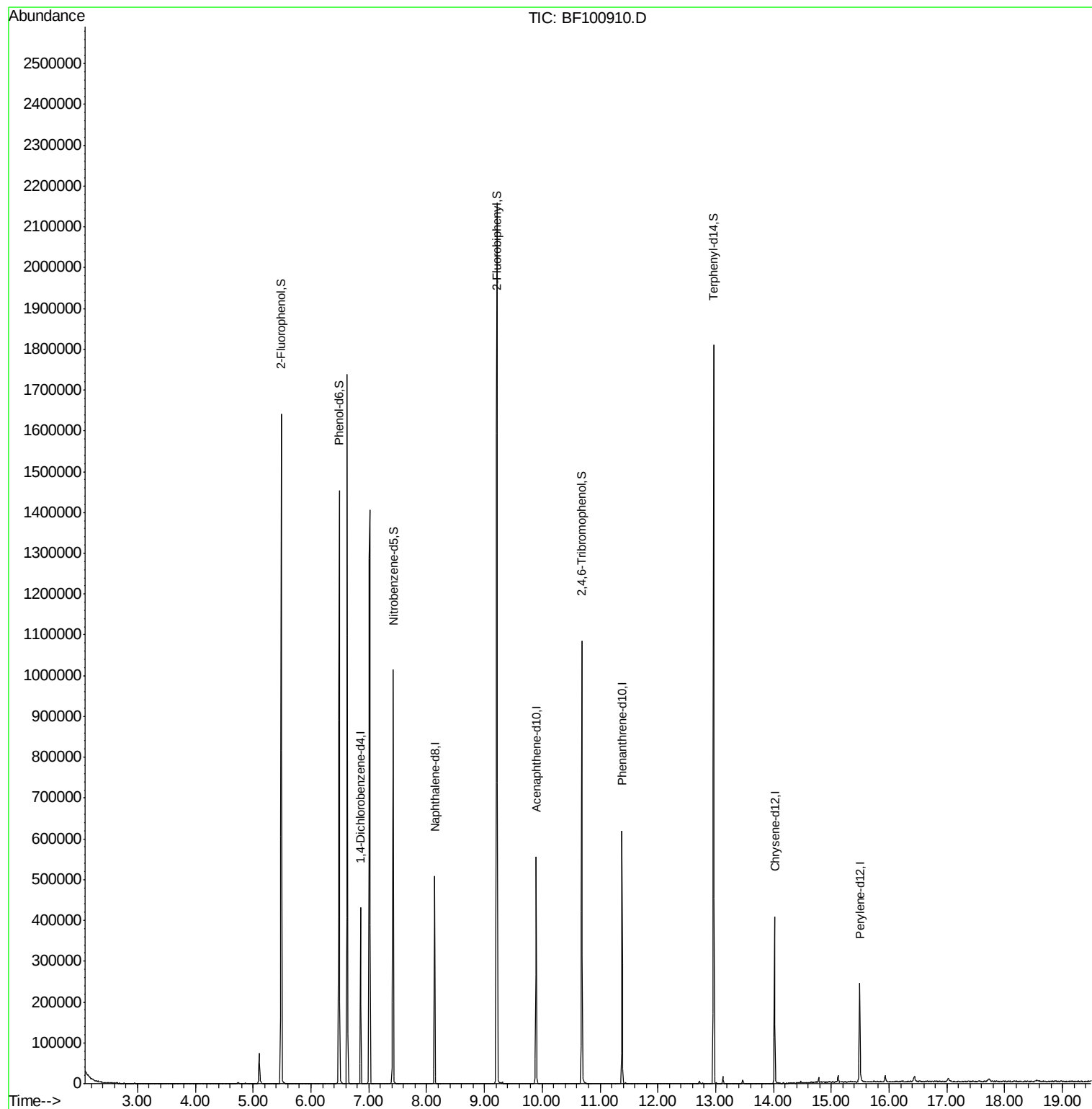
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
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ALS Vial : 30 Sample Multiplier: 1

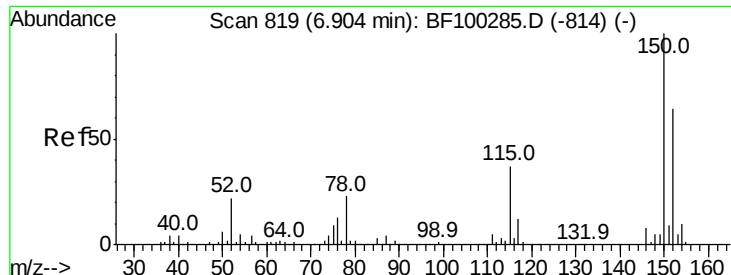
Instrument :
BNA_F
ClientSampleId :
PB104527TB

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#1

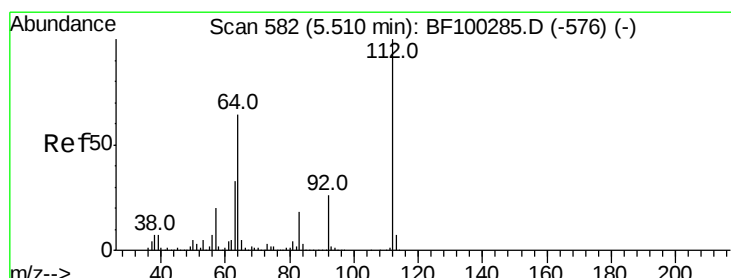
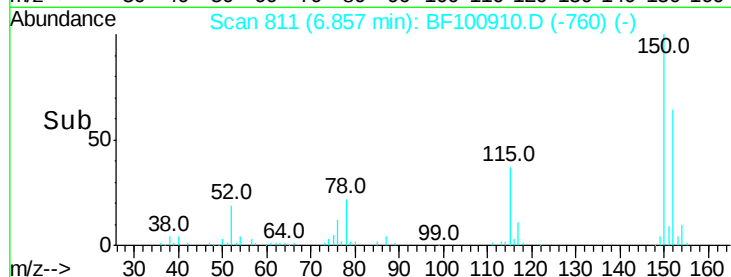
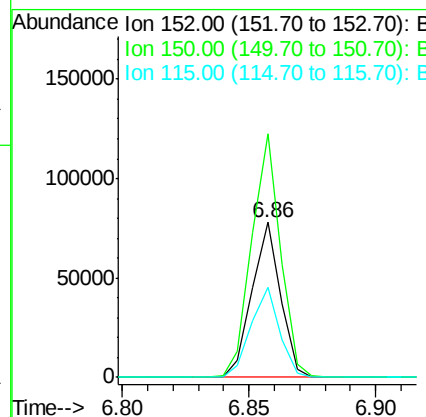
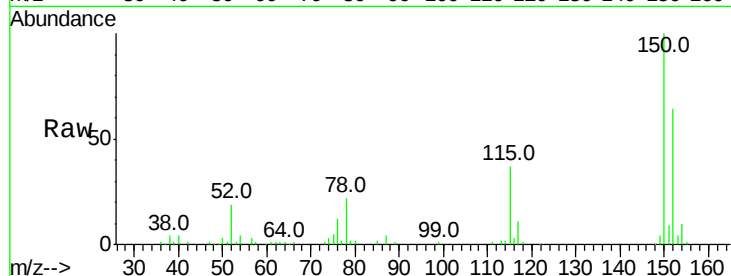
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Instrument :
BNA_F
ClientSampleId :
PB104527TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	57.8	50.1	75.1

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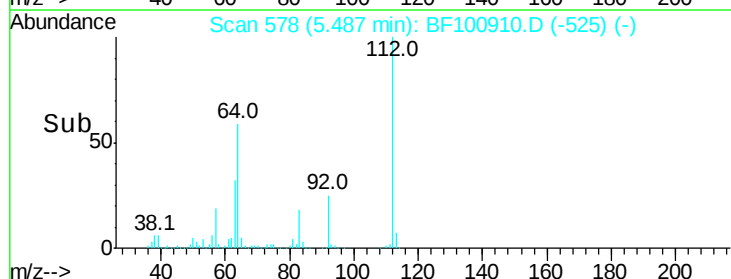
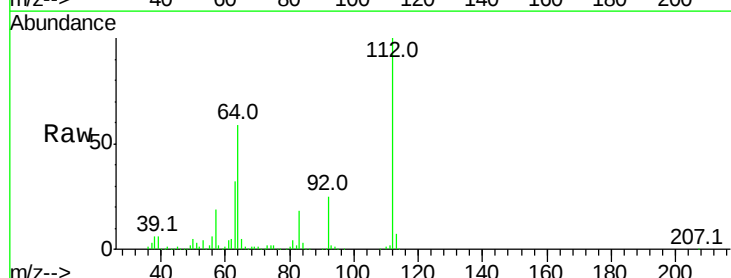
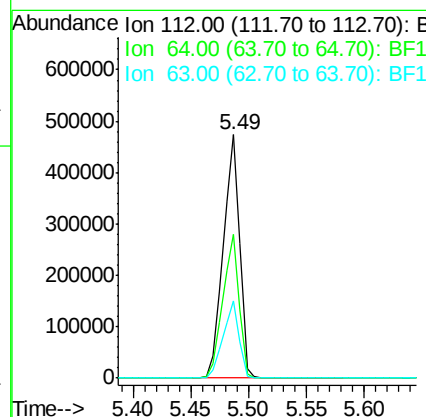
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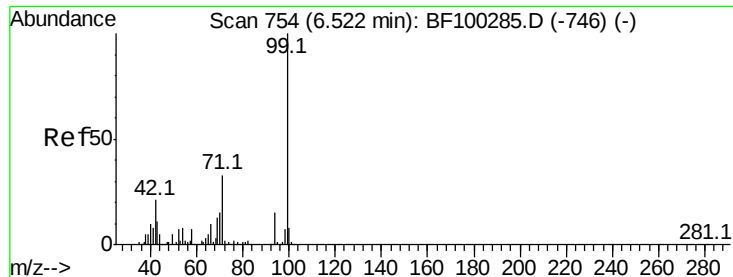


#5

2-Fluorophenol
Concen: 122.404 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	31.5	23.7	35.5





#7

Phenol-d6

Concen: 118.311 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF100910.D

Acq: 28 Nov 2017 00:13

Instrument :

BNA_F

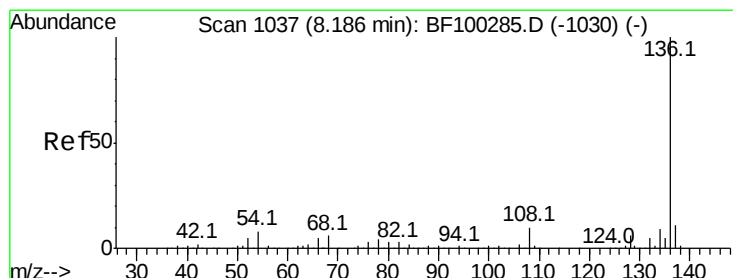
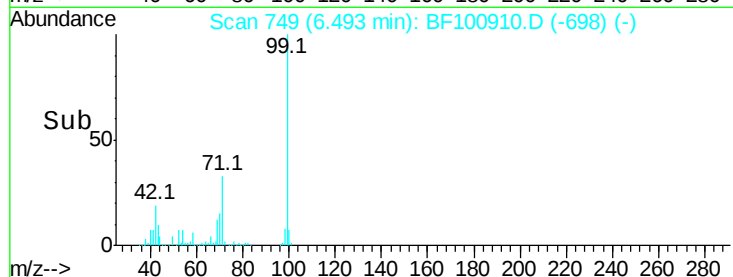
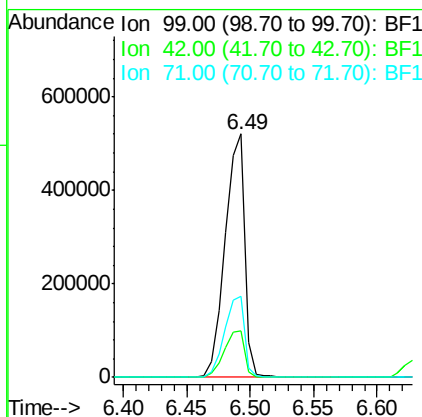
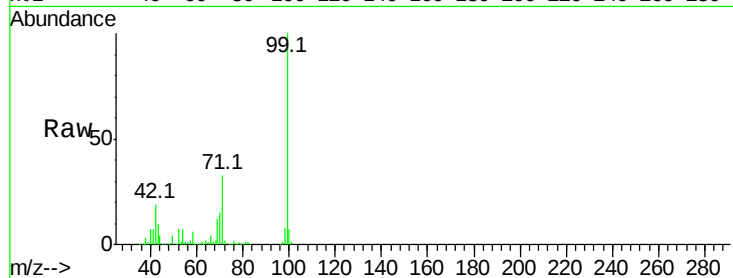
ClientSampleId :

PB104527TB

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		557656		
42	19.1	14.5	21.7		
71	33.1	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

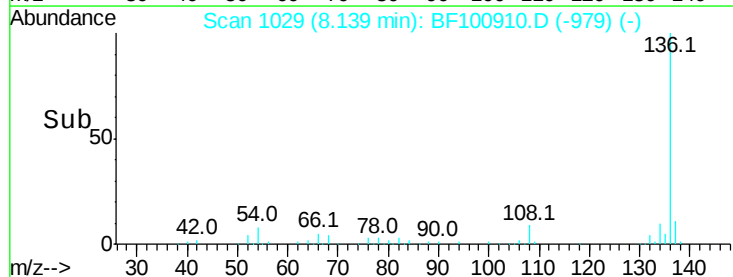
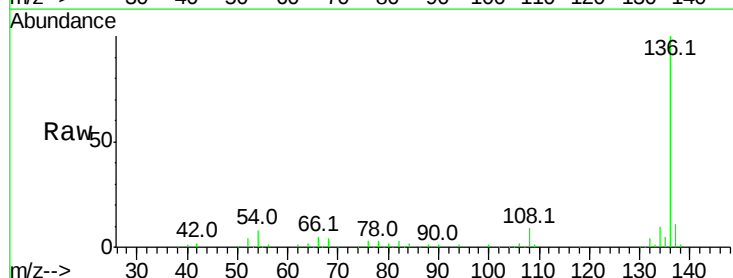
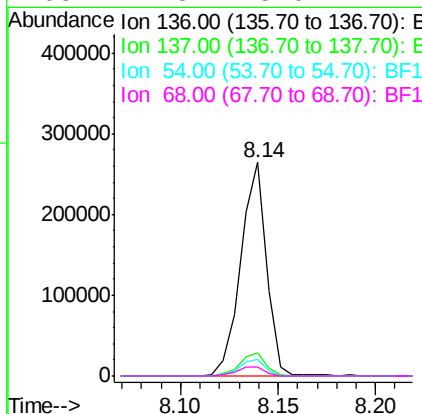
RT: 8.14 min Scan# 1029

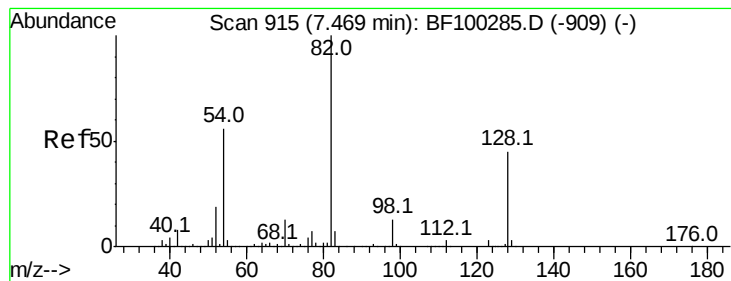
Delta R.T. -0.01 min

Lab File: BF100910.D

Acq: 28 Nov 2017 00:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		241907		
137	11.0	8.9	13.3		
54	7.9	6.6	9.8		
68	4.3	5.0	7.4		





#23

Nitrobenzene-d5

Concen: 95.277 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF100910.D

Acq: 28 Nov 2017 00:13

Instrument :

BNA_F

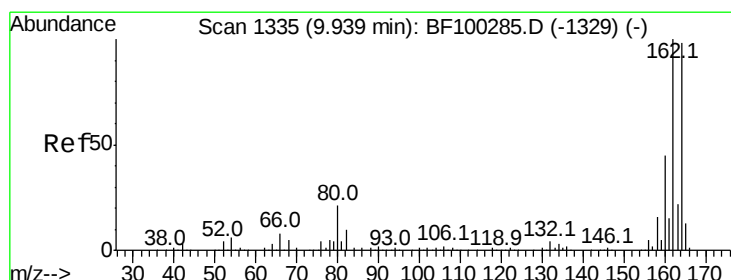
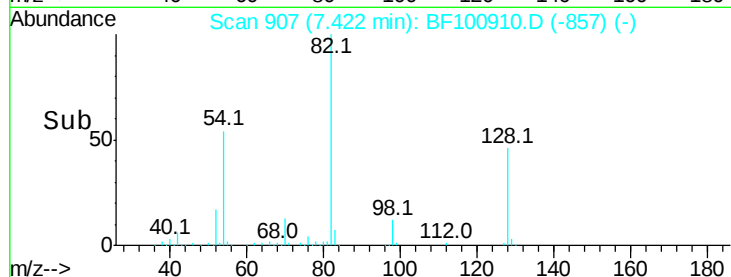
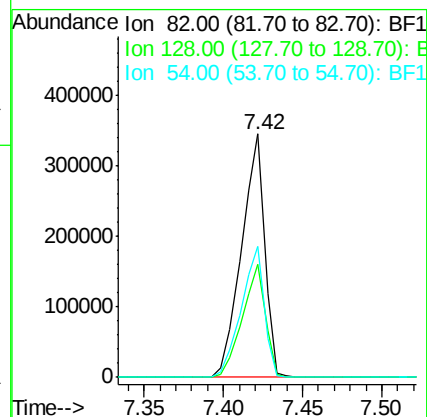
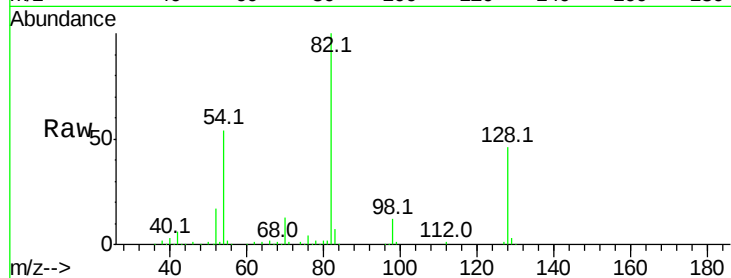
ClientSampleId :

PB104527TB

Tot Ion:	82	Resp:	348617
Ion Ratio	Lower	Upper	
82	100		
128	46.5	36.1	54.1
54	54.0	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

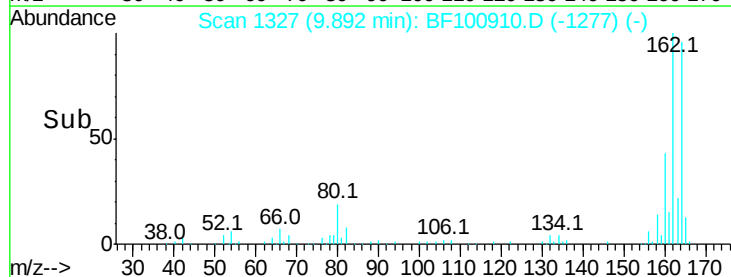
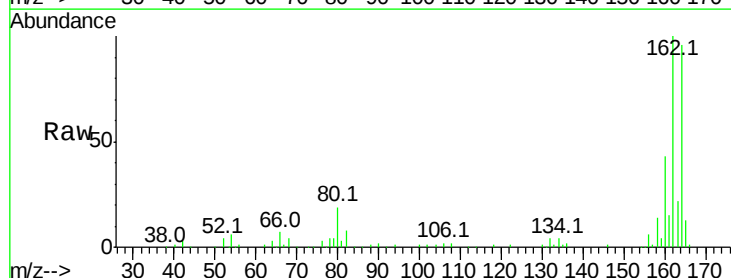
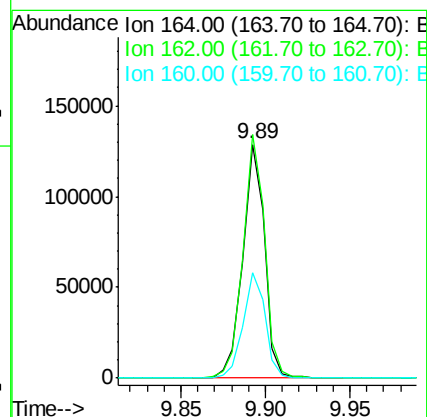
RT: 9.89 min Scan# 1327

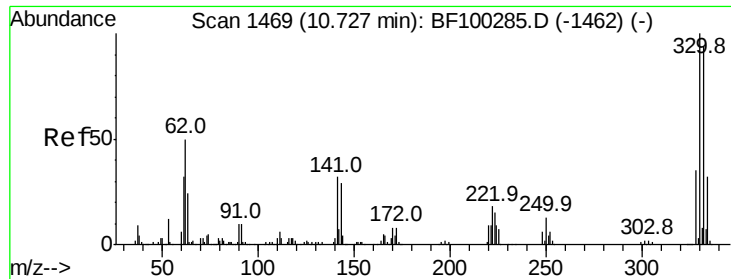
Delta R.T. -0.01 min

Lab File: BF100910.D

Acq: 28 Nov 2017 00:13

Tgt Ion:	164	Resp:	114863
Ion Ratio	Lower	Upper	
164	100		
162	104.3	86.1	129.1
160	45.0	38.3	57.5





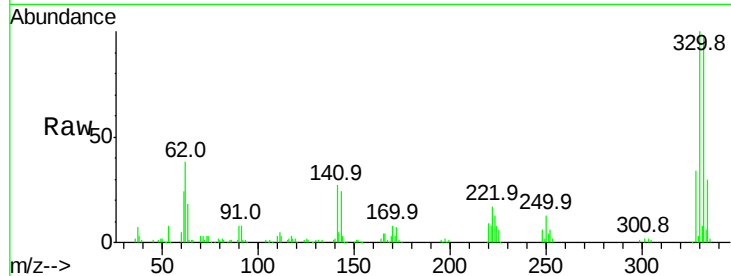
#41
 2,4,6-Tribromophenol
 Concen: 126.851 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF100910.D
 Acq: 28 Nov 2017 00:13

Instrument :
 BNA_F
 ClientSampleId :
 PB104527TB

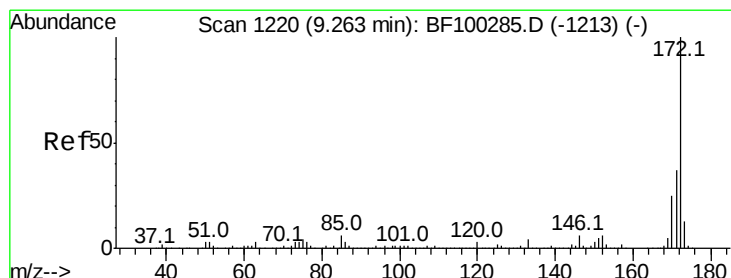
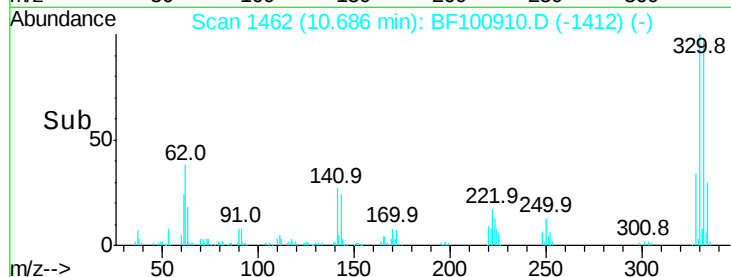
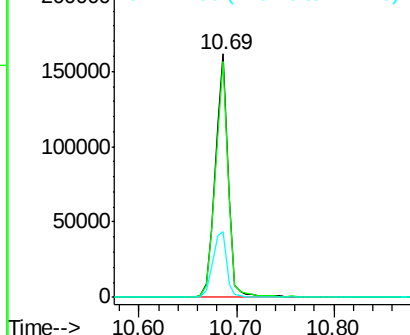
Tot Ion	Ratio	Resp	Lower	Upper
330	100	148473		
332	96.0	77.0	115.6	
141	29.4	29.9	44.9#	

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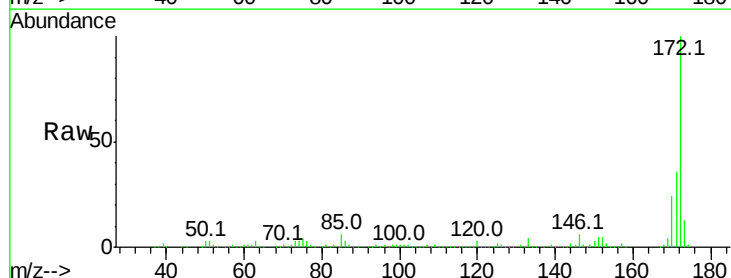


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

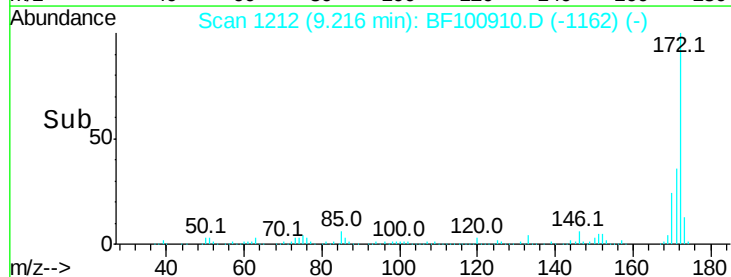
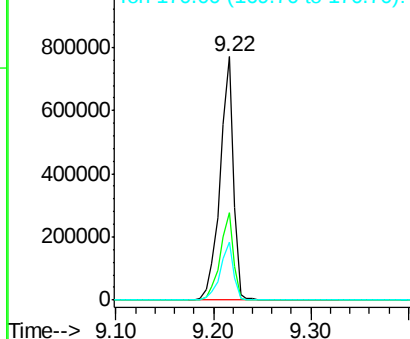


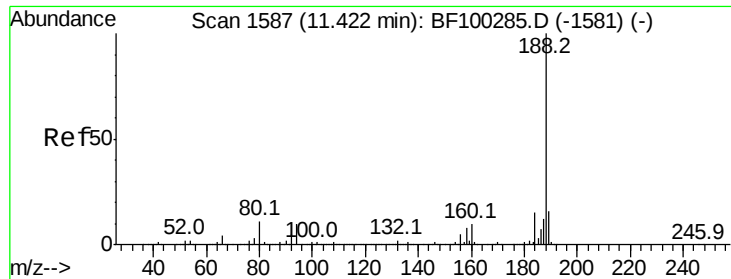
#44
 2-Fluorobiphenyl
 Concen: 97.456 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF100910.D
 Acq: 28 Nov 2017 00:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	735141		
171	36.1	29.7	44.5	
170	24.0	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





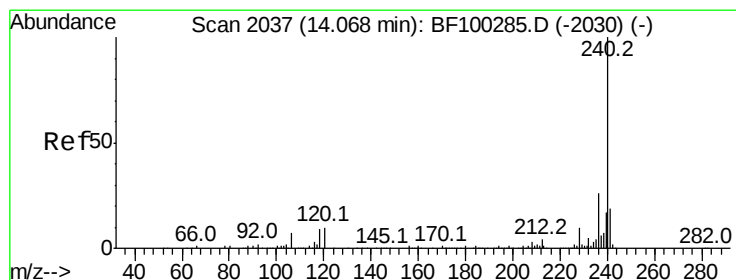
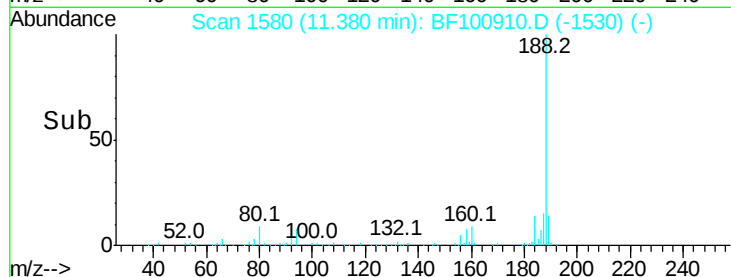
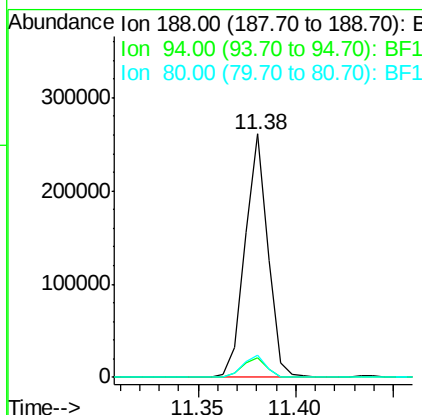
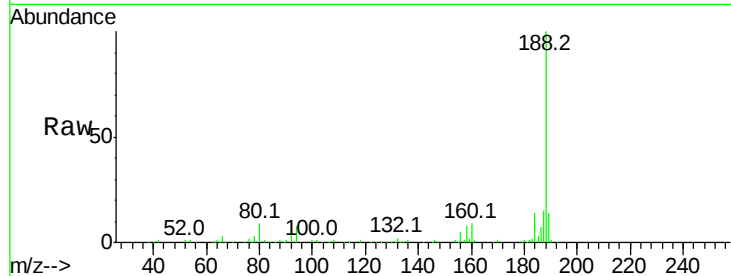
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Instrument :
BNA_F
ClientSampleId :
PB104527TB

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	9.0	9.2	13.8#

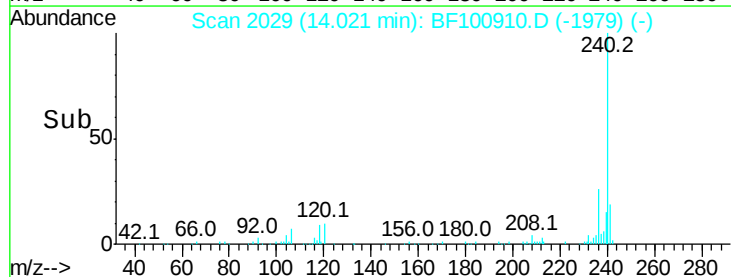
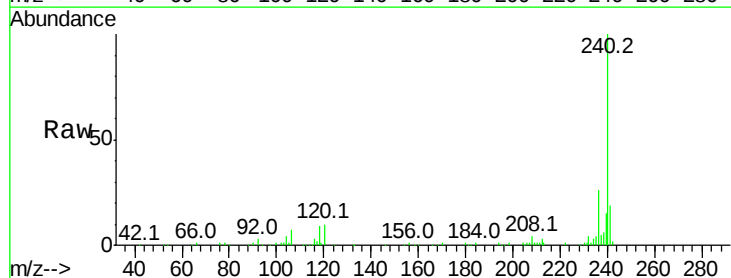
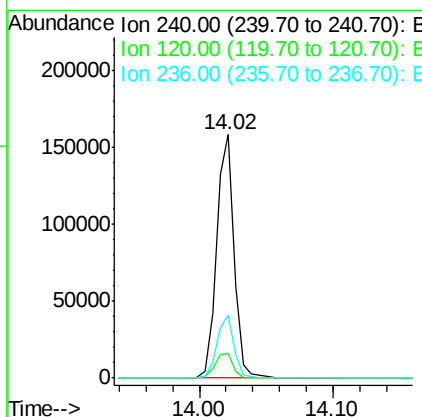
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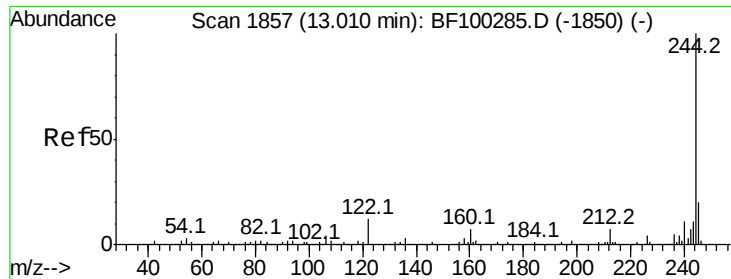
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.0	9.5	14.3
236	26.1	20.7	31.1





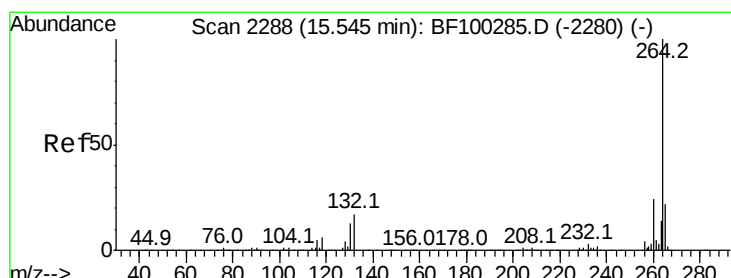
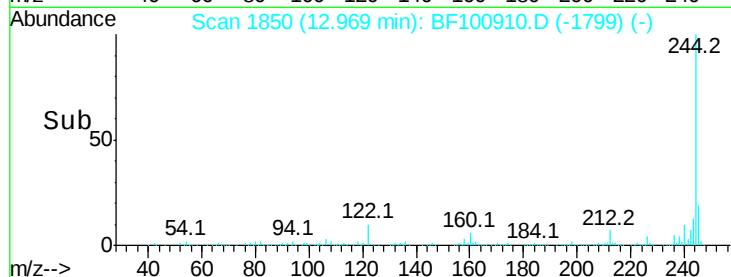
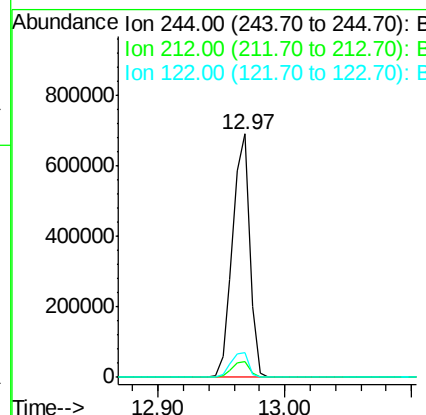
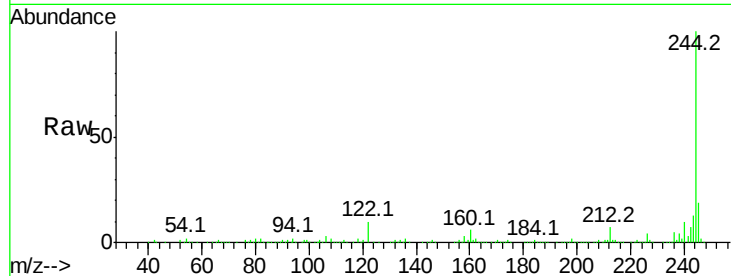
#78
 Terphenyl-d14
 Concen: 101.849 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF100910.D
 Acq: 28 Nov 2017 00:13

Instrument :
 BNA_F
 ClientSampleId :
 PB104527TB

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.1	11.0	16.4

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF100910.D
 Acq: 28 Nov 2017 00:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.2	28.8
265	20.0	17.5	26.3

