

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100832.D
 Acq On : 22 Nov 2017 19:27
 Operator : SJ/JU
 Sample : I6558-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A1243

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:20:19 PM

Quant Time: Nov 27 01:04:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	81369	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	319814	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	147873	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	277475	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	165838	20.00	ng	-0.02
86) Perylene-d12	15.49	264	174408	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	315003	62.06	ng	-0.02
7) Phenol-d6	6.49	99	232909	37.21	ng	-0.02
23) Nitrobenzene-d5	7.43	82	518264	107.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	214804	142.55	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	995119	102.47	ng	-0.02
78) Terphenyl-d14	12.97	244	873341	121.00	ng	-0.01
Target Compounds						
32) Benzoic acid	7.86	122	8642m	11.364	ng	Qvalue

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

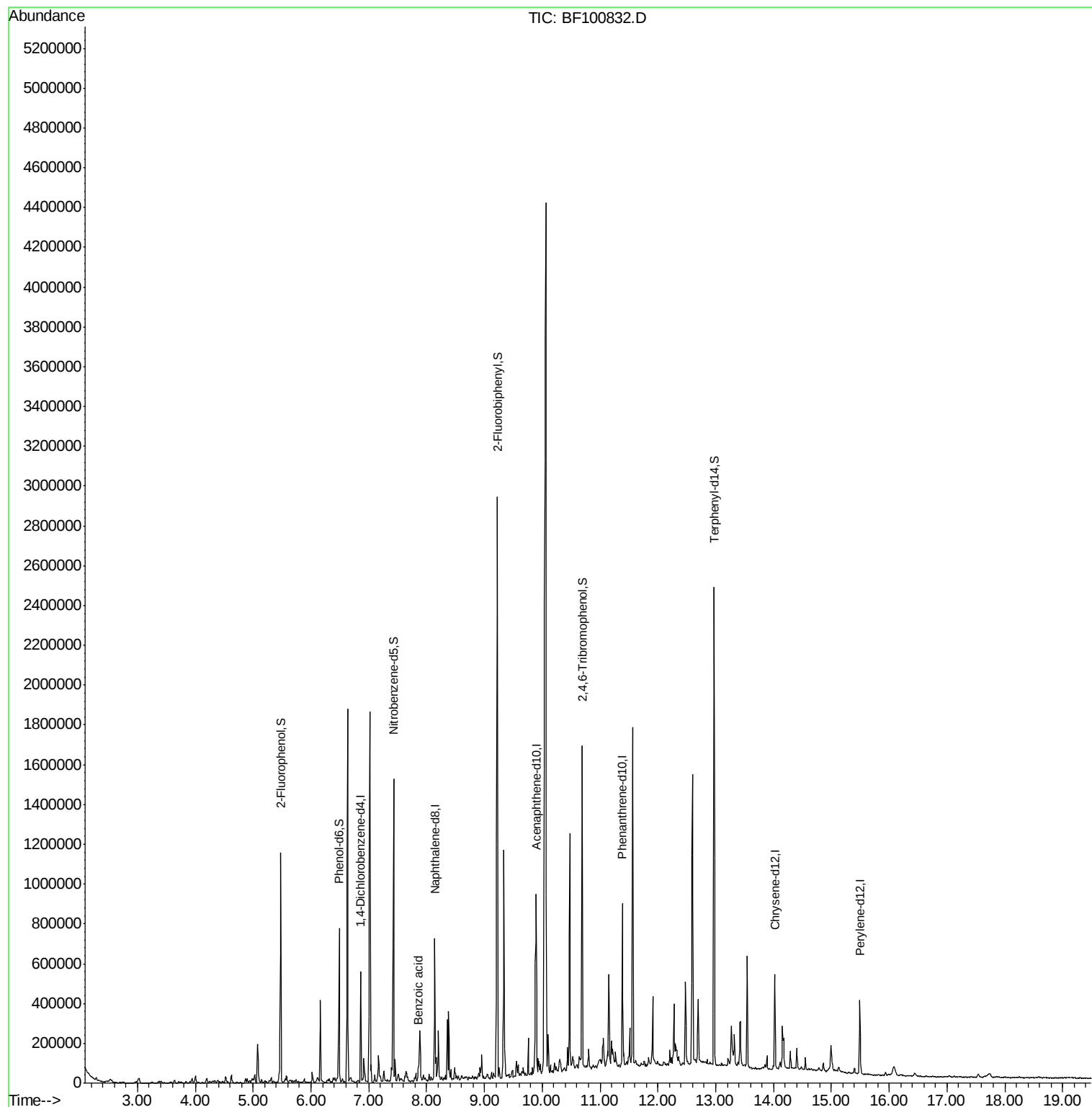
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
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Acq On : 22 Nov 2017 19:27
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#1

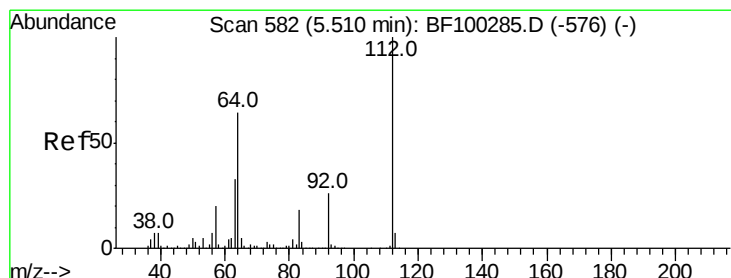
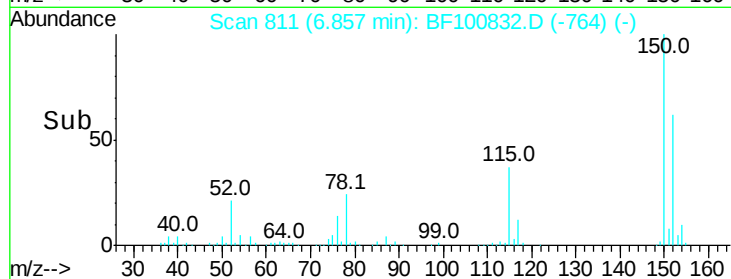
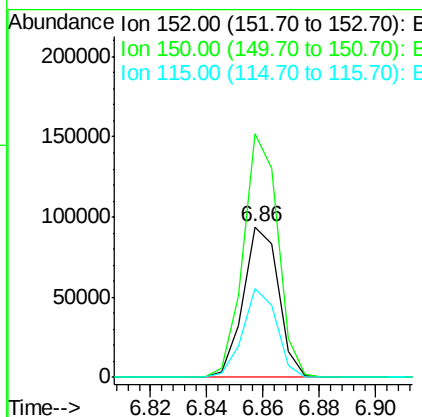
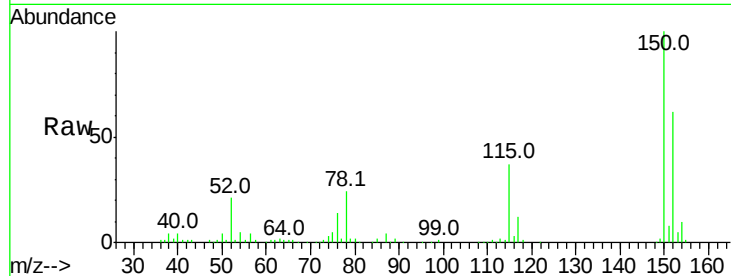
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100832.D
Acq: 22 Nov 2017 19:27

Instrument :
BNA_F
ClientSampleId :
A1243

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	124.6	186.8
115	59.3	50.1	75.1

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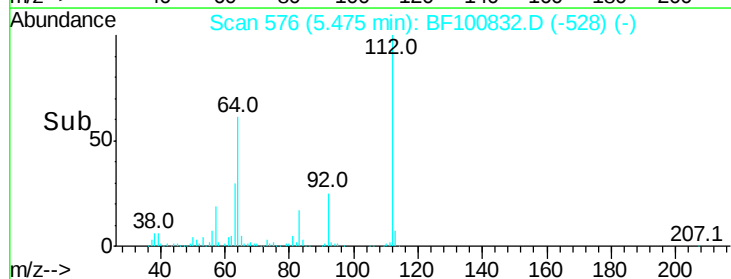
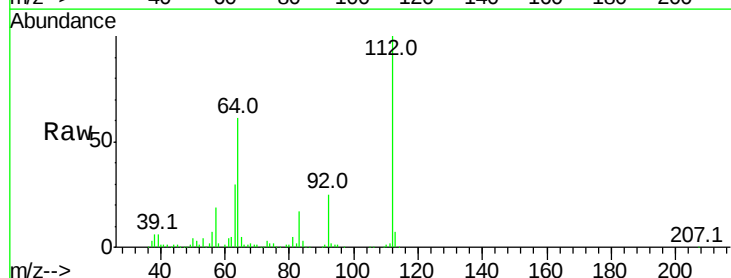
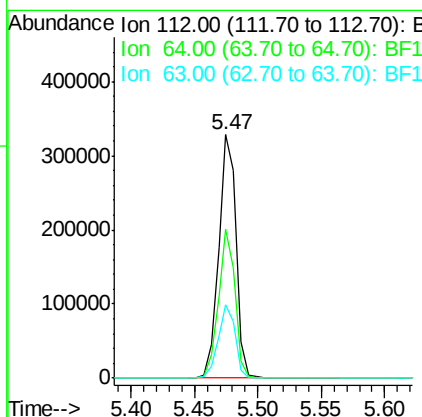
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#5

2-Fluorophenol
Concen: 62.056 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100832.D
Acq: 22 Nov 2017 19:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.9	71.9
63	30.2	23.7	35.5





#7

Phenol-d6

Concen: 37.209 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF100832.D

Acq: 22 Nov 2017 19:27

Instrument :

BNA_F

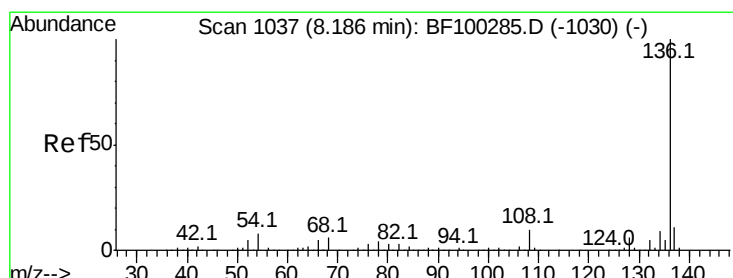
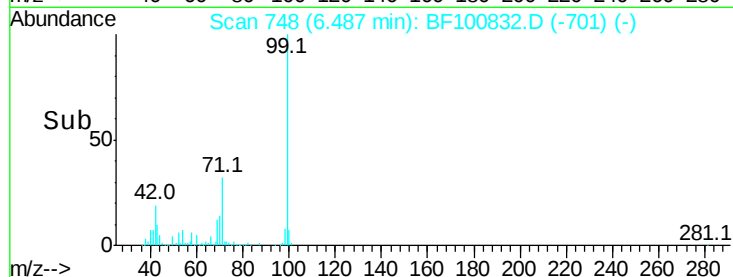
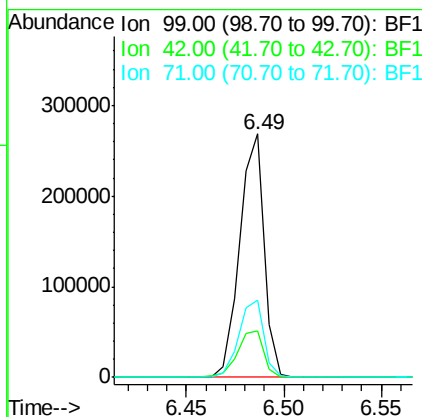
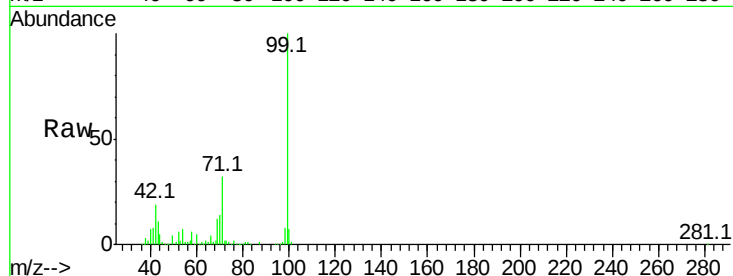
ClientSampleId :

A1243

Tot Ion:	99	Resp:	232909
Ion Ratio	Lower	Upper	
99	100		
42	18.9	14.5	21.7
71	31.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

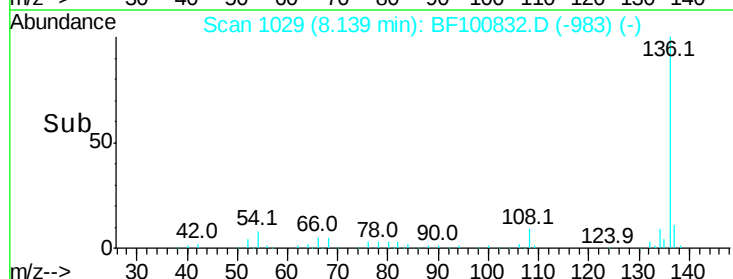
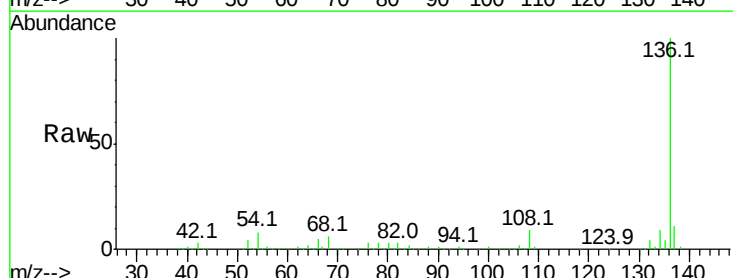
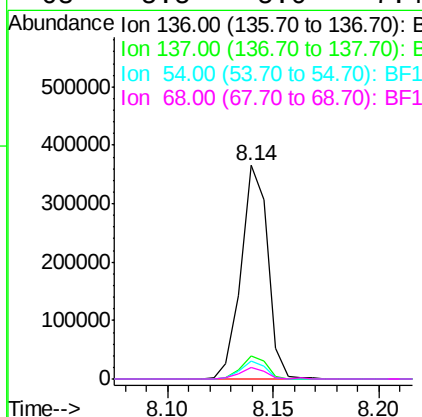
RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF100832.D

Acq: 22 Nov 2017 19:27

Tgt Ion:	136	Resp:	319814
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	8.3	6.6	9.8
68	5.5	5.0	7.4





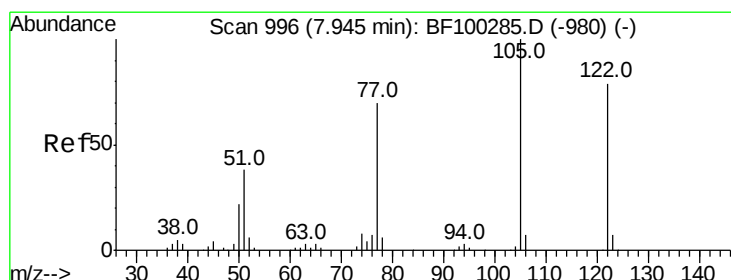
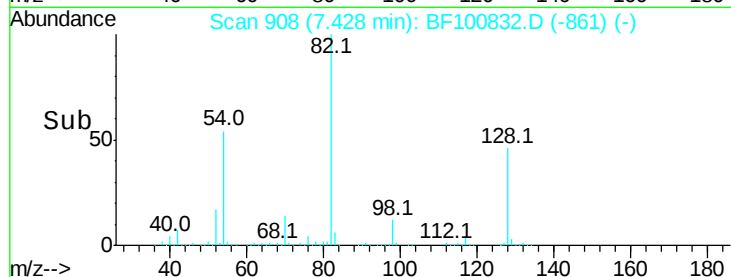
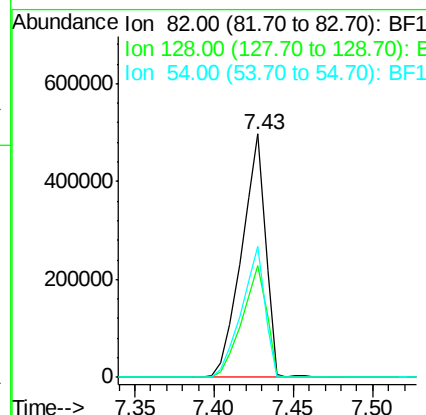
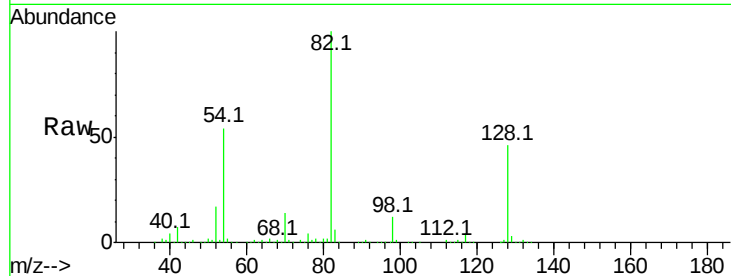
#23
Nitrobenzene-d5
Concen: 107.138 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF100832.D
Acq: 22 Nov 2017 19:27

Instrument :
BNA_F
ClientSampleId :
A1243

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.1	36.1	54.1	
54	53.9	41.4	62.2	

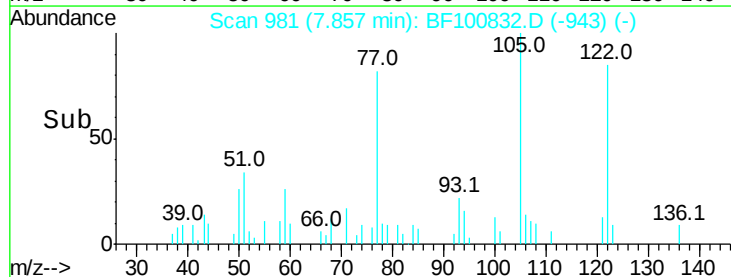
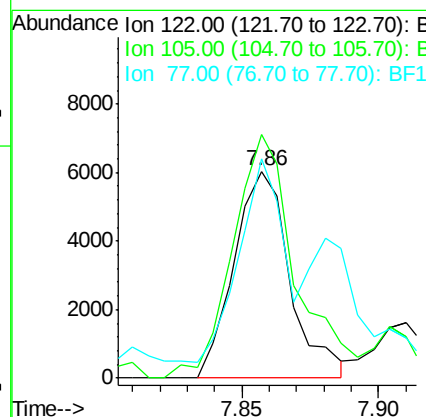
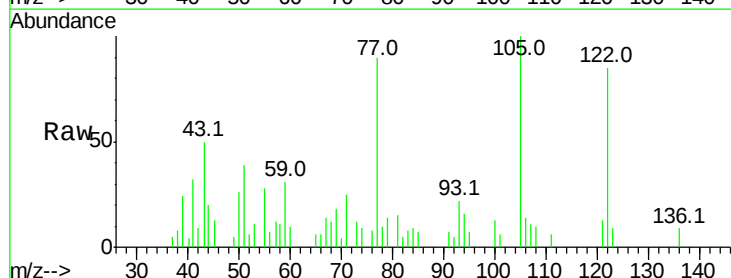
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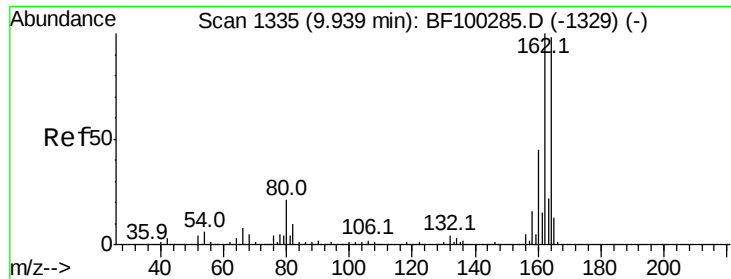
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#32
Benzoic acid
Concen: 11.364 ng m
RT: 7.86 min Scan# 981
Delta R.T. -0.08 min
Lab File: BF100832.D
Acq: 22 Nov 2017 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	117.6	101.1	141.1	
77	105.7	70.7	110.7	





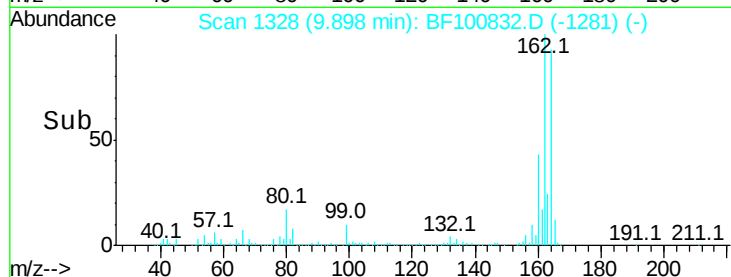
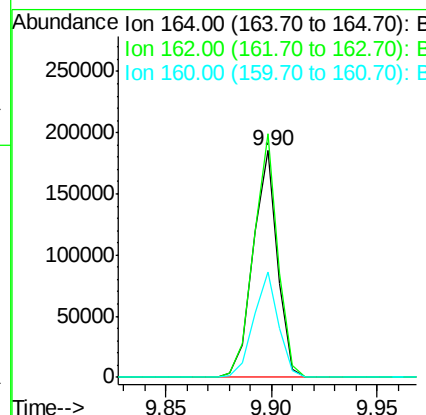
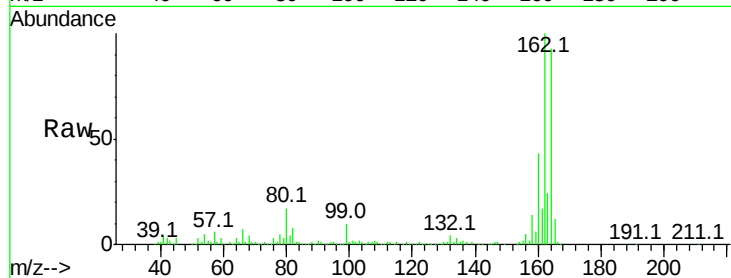
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF100832.D
 Acq: 22 Nov 2017 19:27

Instrument :
 BNA_F
 ClientSampled :
 A1243

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.3	86.1	129.1
160	46.3	38.3	57.5

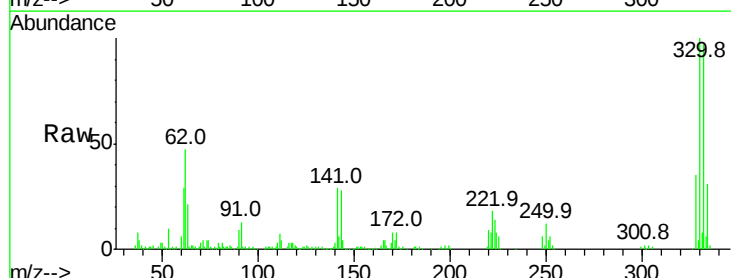
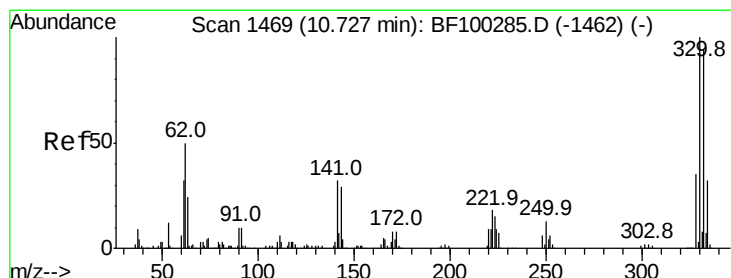
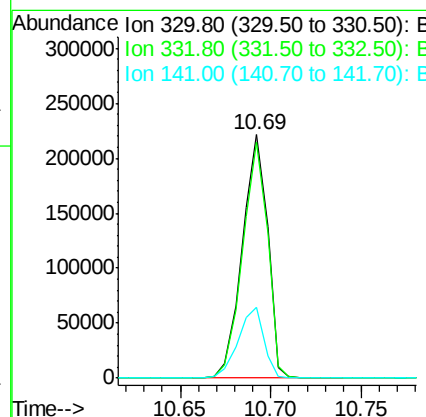
Manual Integrations
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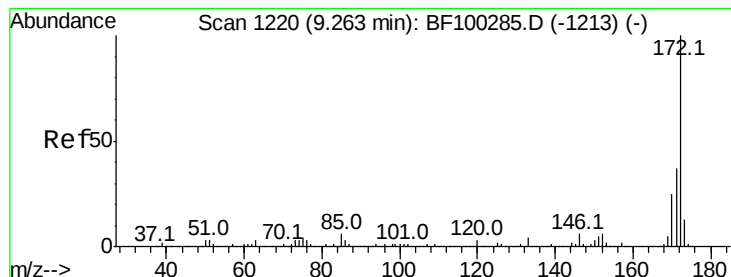
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#41
 2,4,6-Tribromophenol
 Concen: 142.554 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.02 min
 Lab File: BF100832.D
 Acq: 22 Nov 2017 19:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	29.4	29.9	44.9#





#44

2-Fluorobiphenyl

Concen: 102.472 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BF100832.D

Acq: 22 Nov 2017 19:27

Instrument :

BNA_F

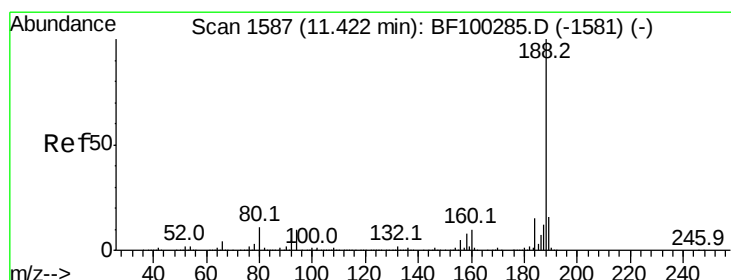
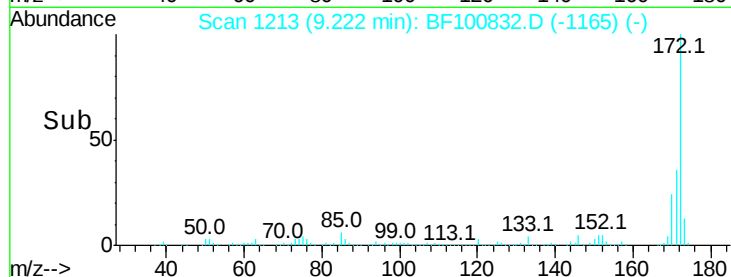
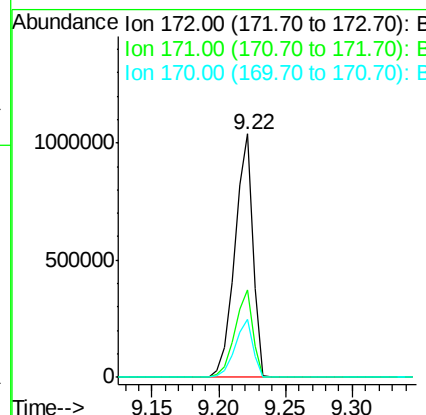
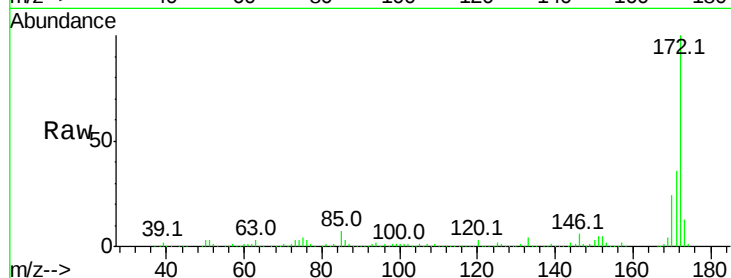
ClientSampled :

A1243

Tot Ion:	172	Resp:	995119
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.7	44.5
170	23.6	19.6	29.4

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#63

Phenanthrene-d10

Concen: 20.000 ng

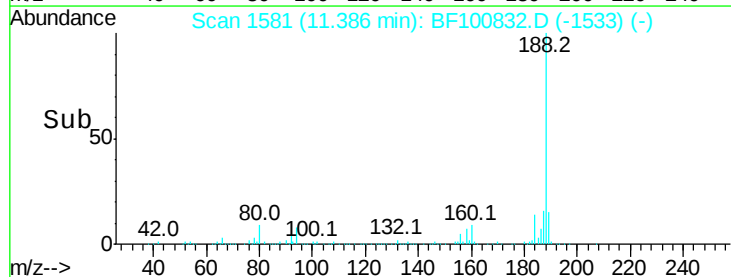
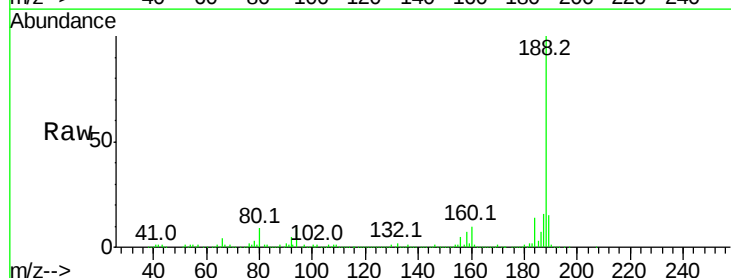
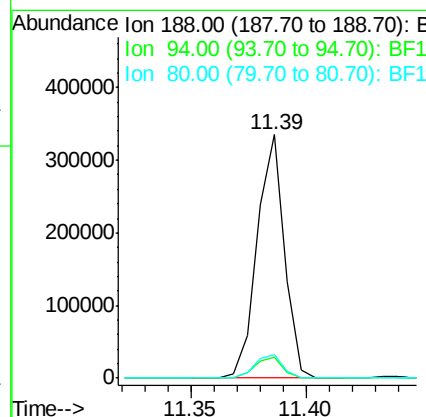
RT: 11.39 min Scan# 1581

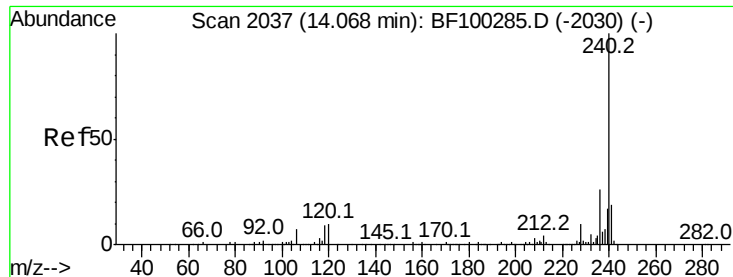
Delta R.T. -0.02 min

Lab File: BF100832.D

Acq: 22 Nov 2017 19:27

Tgt Ion:	188	Resp:	277475
Ion Ratio	Lower	Upper	
188	100		
94	8.7	8.5	12.7
80	9.5	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF100832.D

Acq: 22 Nov 2017 19:27

Instrument :

BNA_F

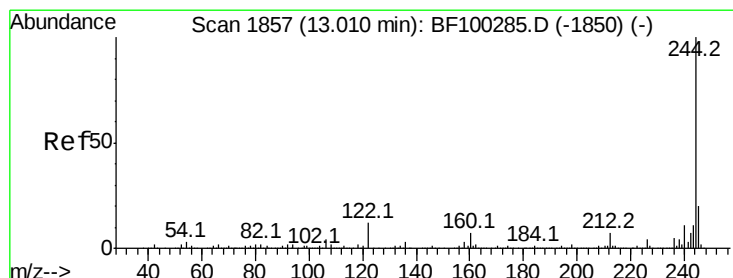
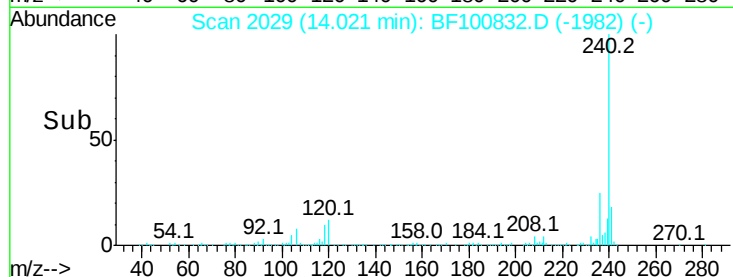
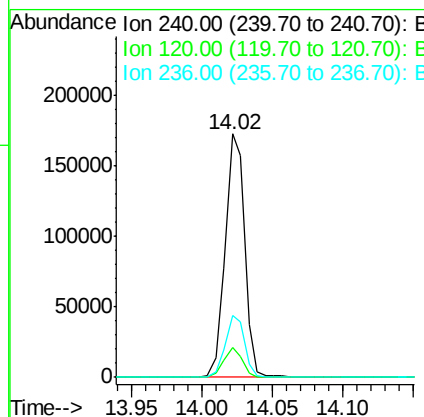
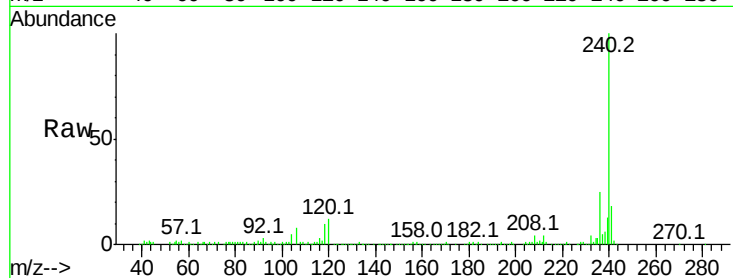
ClientSampled :

A1243

Tot Ion:	240	Resp:	165838
Ion Ratio	Lower	Upper	
240	100		
120	12.3	9.5	14.3
236	25.3	20.7	31.1

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#78

Terphenyl-d14

Concen: 121.003 ng

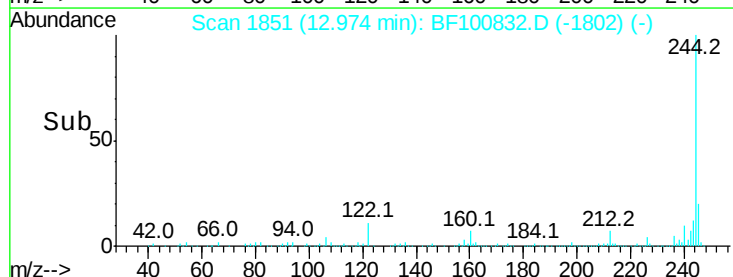
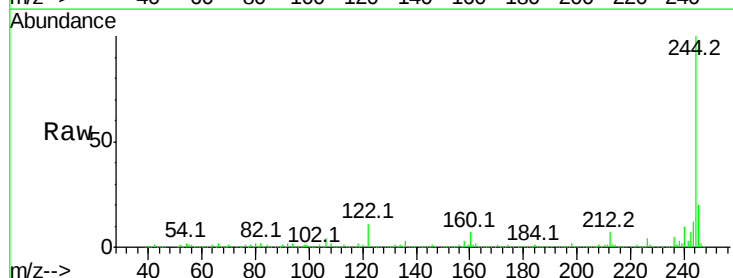
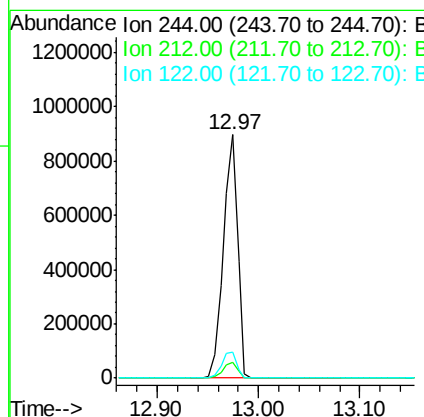
RT: 12.97 min Scan# 1851

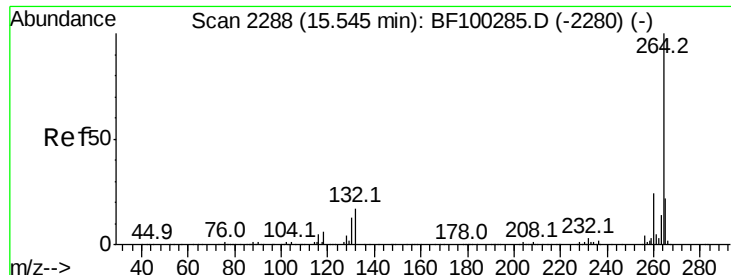
Delta R.T. -0.01 min

Lab File: BF100832.D

Acq: 22 Nov 2017 19:27

Tgt Ion:	244	Resp:	873341
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	10.9	11.0	16.4#





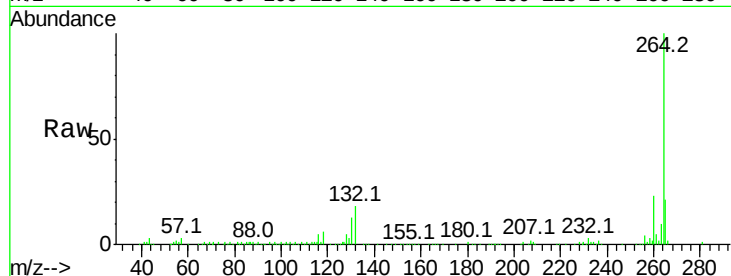
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF100832.D
Acq: 22 Nov 2017 19:27

Instrument :
BNA_F
ClientSampleId :
A1243

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	22.8	19.2	28.8	
265	21.3	17.5	26.3	

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

