

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100840.D
 Acq On : 22 Nov 2017 23:01
 Operator : SJ/JU
 Sample : I6513-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:20:29 PM

Quant Time: Nov 27 02:54:55 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	13912	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	55487	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	27708	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	55885	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	49785	20.00	ng	-0.02
86) Perylene-d12	15.49	264	41628	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	111862	128.89	ng	-0.03
7) Phenol-d6	6.48	99	138124	129.06	ng	-0.03
23) Nitrobenzene-d5	7.42	82	80681	96.13	ng	-0.04
41) 2,4,6-Tribromophenol	10.68	330	44385	157.20	ng	-0.03
44) 2-Fluorobiphenyl	9.22	172	172355	94.72	ng	-0.02
78) Terphenyl-d14	12.96	244	201750	93.11	ng	-0.02
Target Compounds						
10) Phenol	6.50	94	3785	3.369	ng	90
49) Dimethylphthalate	9.60	163	16314	7.711	ng	99
59) Diethylphthalate	10.31	149	10565	4.990	ng	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	76363m	40.117	ng	

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

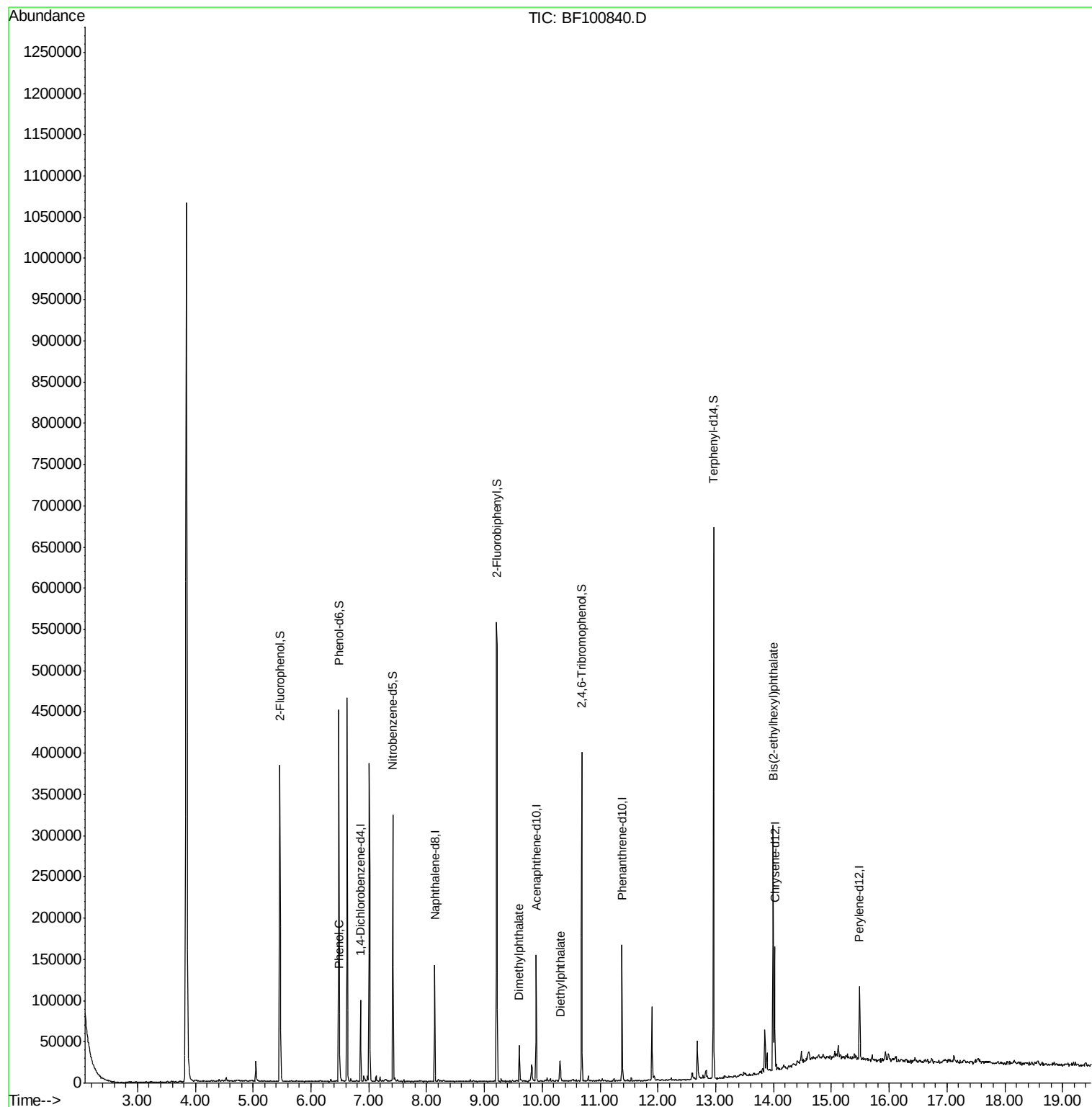
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
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ALS Vial : 13 Sample Multiplier: 1

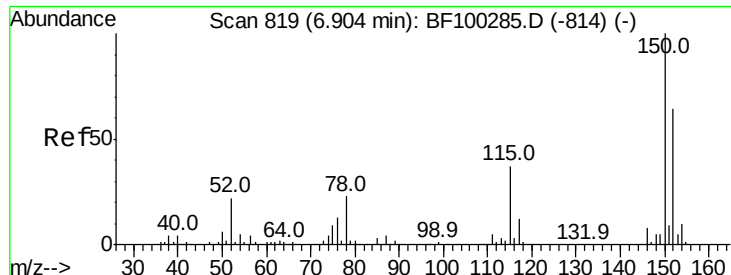
Instrument :
BNA_F
ClientSampleId :
SP-1

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#1

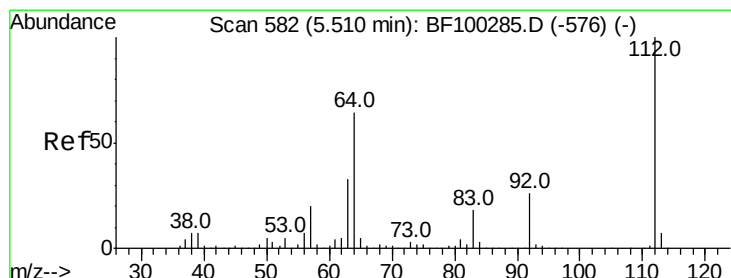
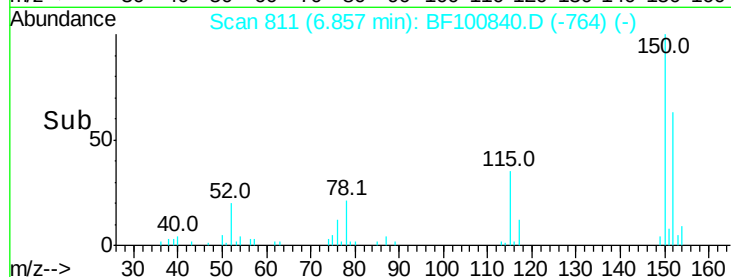
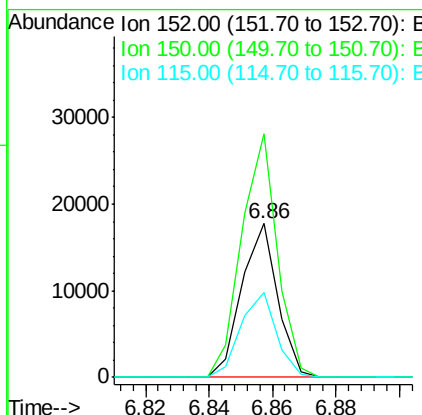
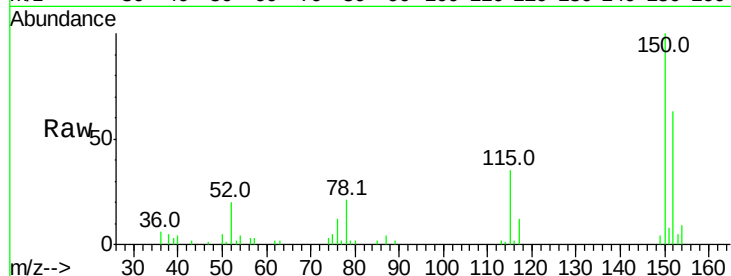
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	55.5	50.1	75.1

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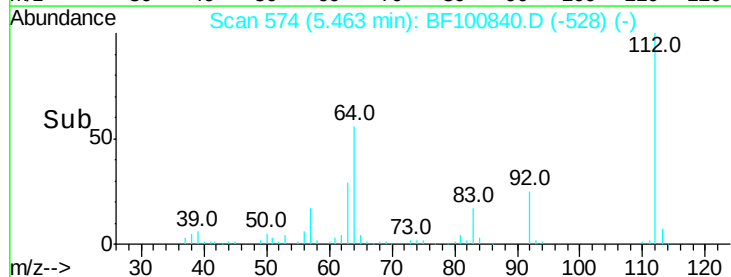
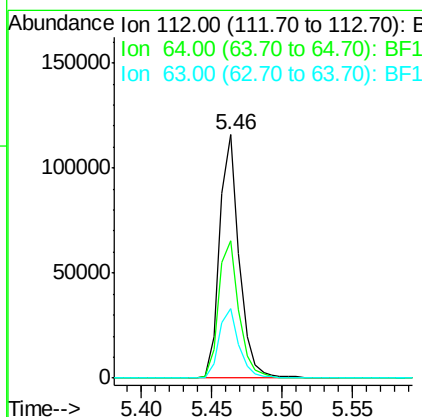
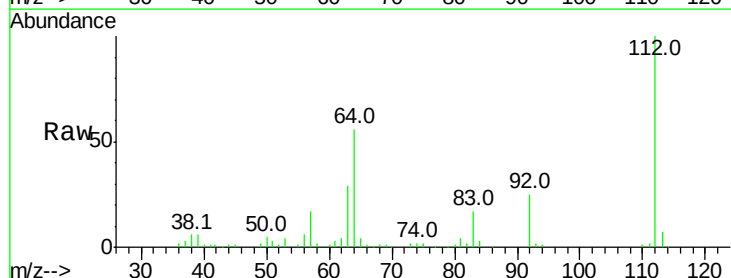
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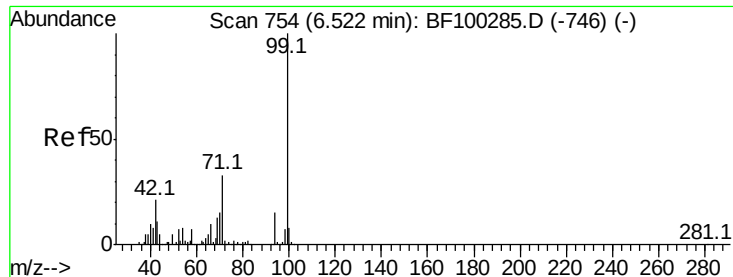


#5

2-Fluorophenol
Concen: 128.891 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.03 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	28.6	23.7	35.5





#7

Phenol-d6

Concen: 129.063 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100840.D

Acq: 22 Nov 2017 23:01

Instrument :

BNA_F

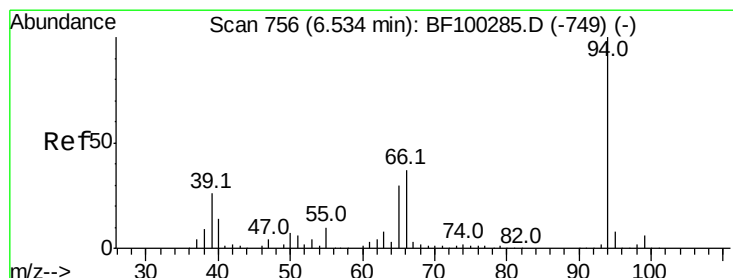
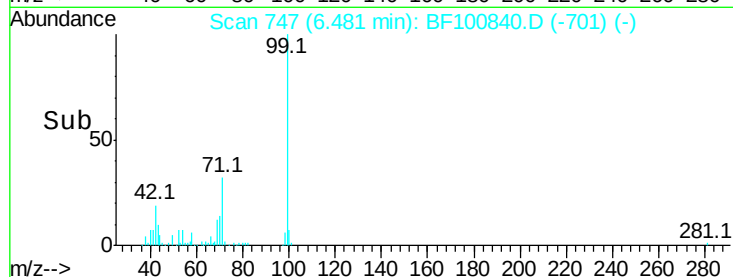
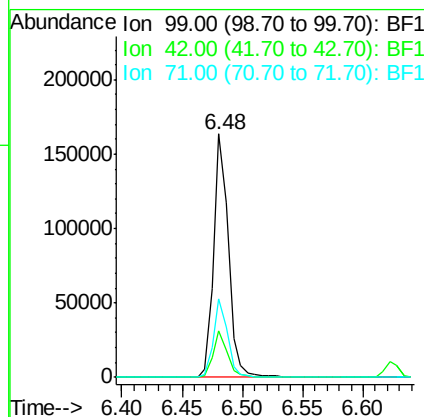
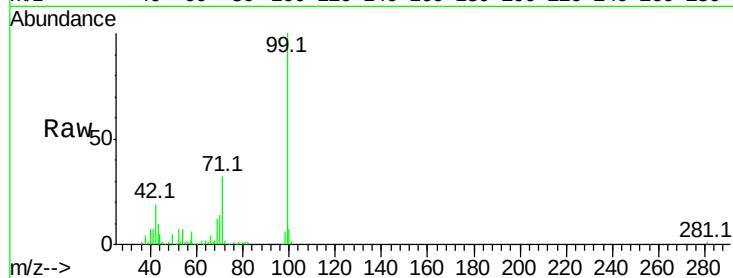
ClientSampled :

SP-1

Tot Ion:	99	Resp:	138124
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	32.3	25.4	38.0

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#10

Phenol

Concen: 3.369 ng

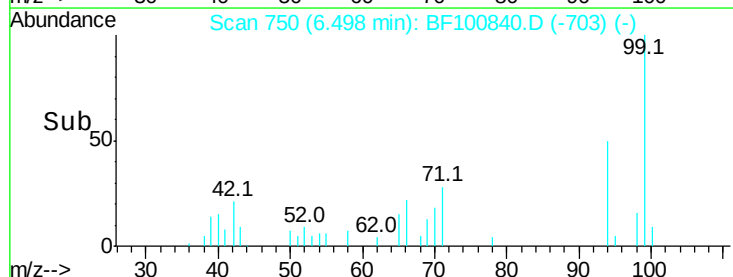
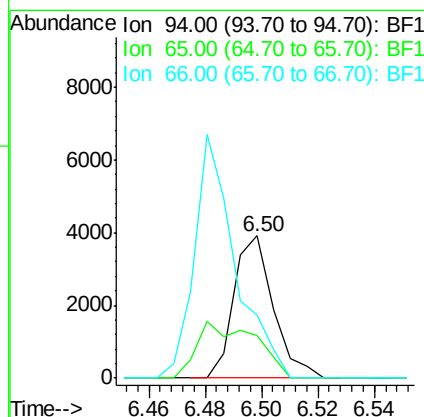
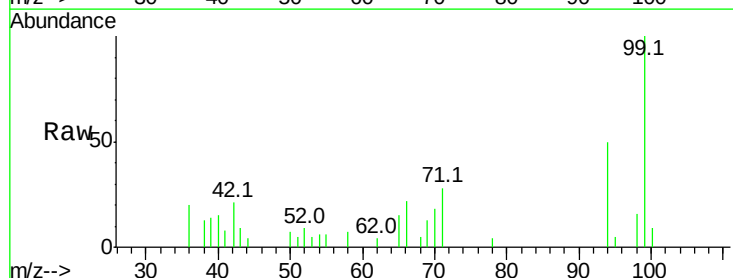
RT: 6.50 min Scan# 750

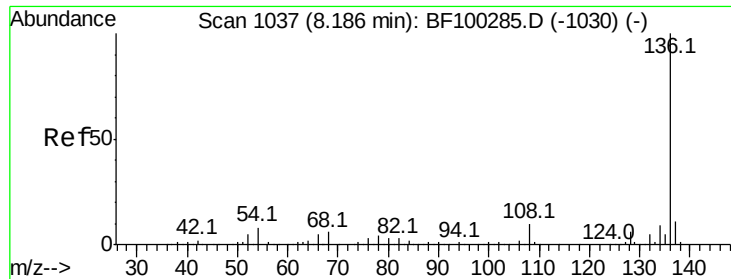
Delta R.T. -0.02 min

Lab File: BF100840.D

Acq: 22 Nov 2017 23:01

Tgt Ion:	94	Resp:	3785
Ion	Ratio	Lower	Upper
94	100		
65	30.5	7.9	47.9
66	44.2	16.2	56.2





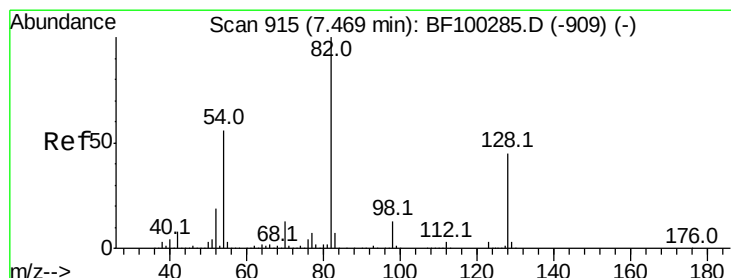
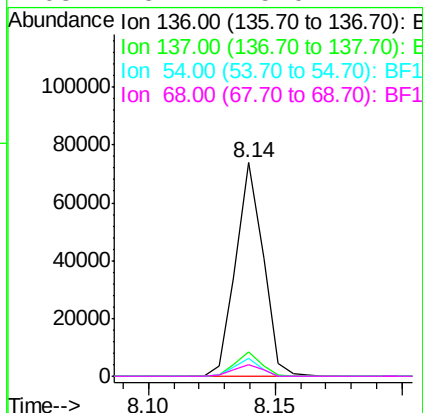
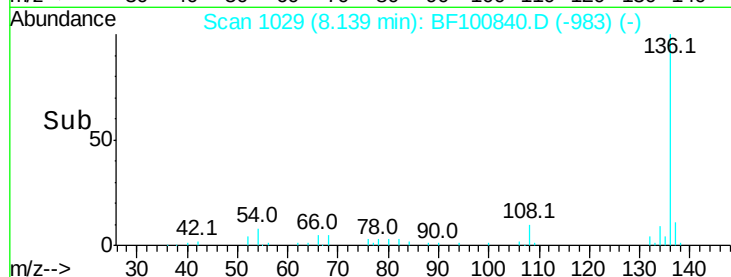
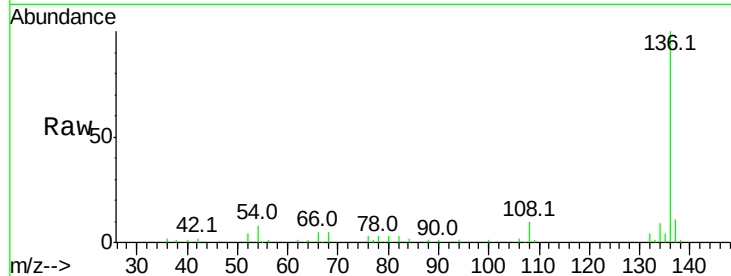
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	8.2	6.6	9.8	
68	5.4	5.0	7.4	

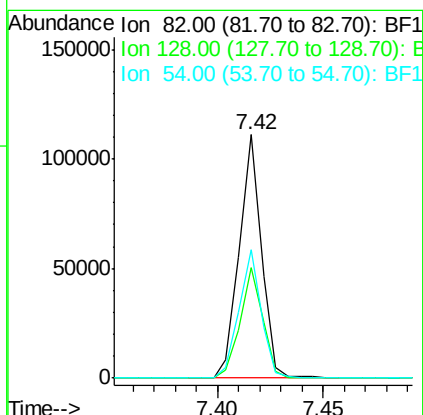
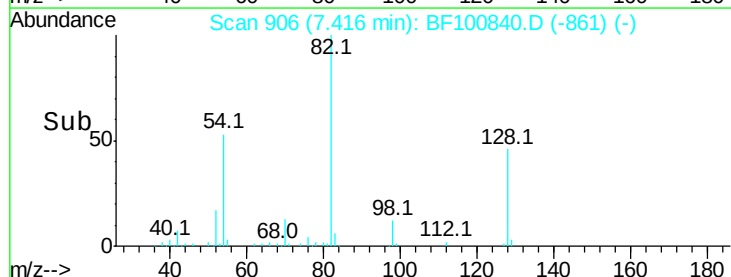
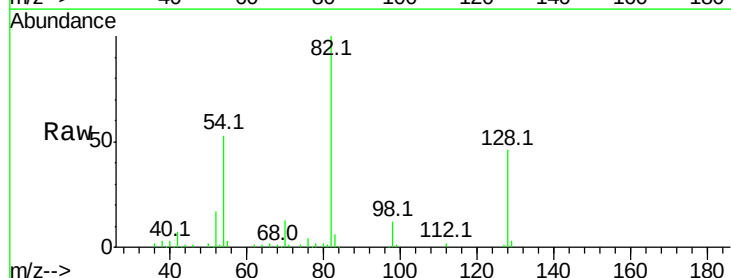
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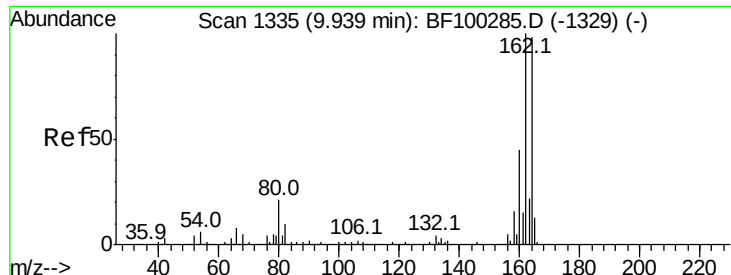
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#23
Nitrobenzene-d5
Concen: 96.132 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.04 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.6	36.1	54.1	
54	52.9	41.4	62.2	





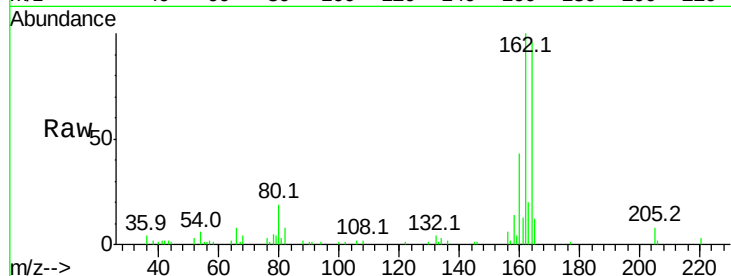
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF100840.D
 Acq: 22 Nov 2017 23:01

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

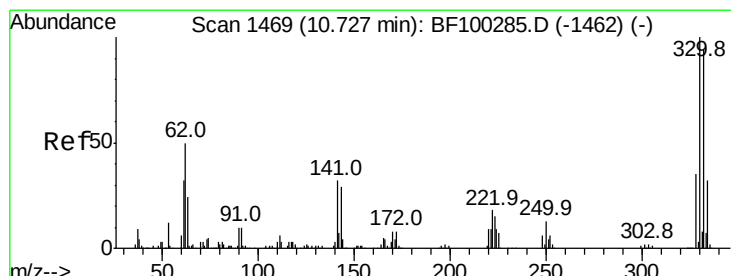
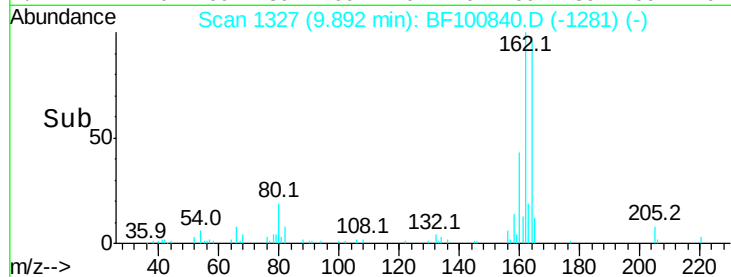
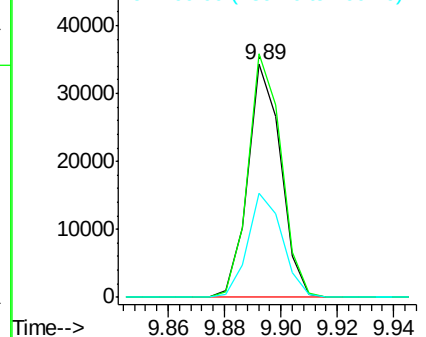
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	44.6	38.3	57.5

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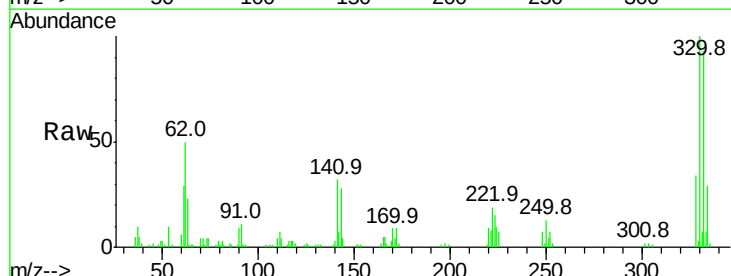


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

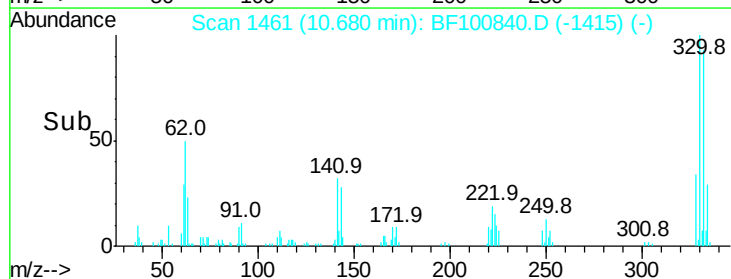
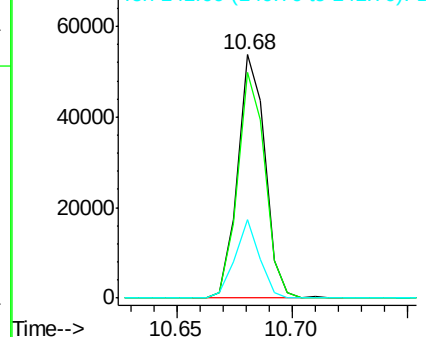


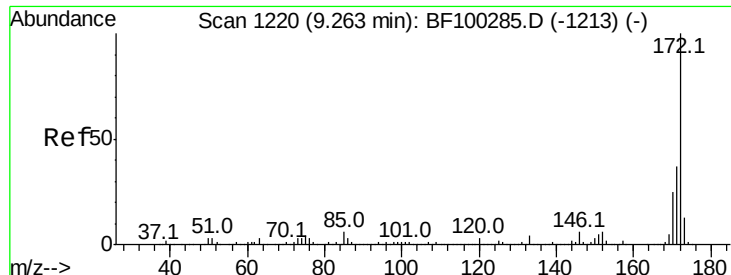
#41
 2,4,6-Tribromophenol
 Concen: 157.202 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.03 min
 Lab File: BF100840.D
 Acq: 22 Nov 2017 23:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.5	77.0	115.6
141	28.9	29.9	44.9#



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





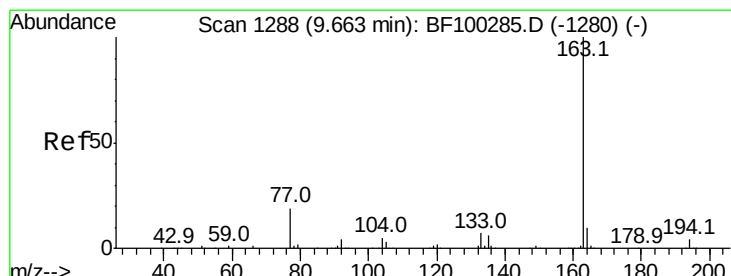
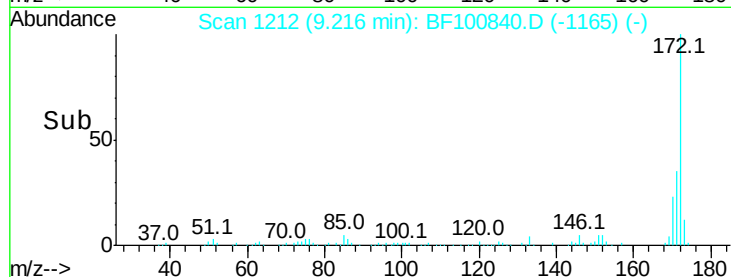
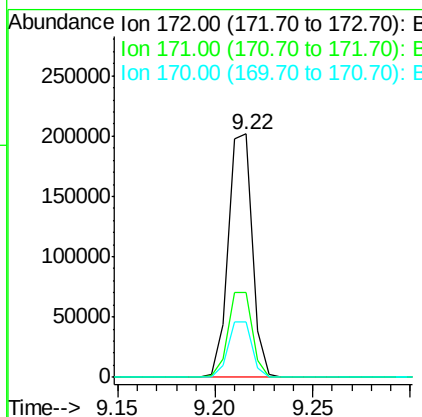
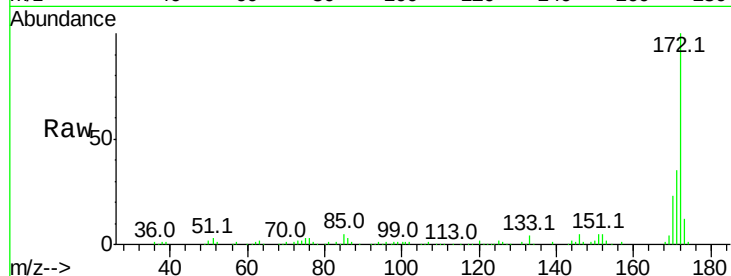
#44
2-Fluorobiphenyl
Concen: 94.719 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Resp	Lower	Upper
172	100	172355		
171	35.1		29.7	44.5
170	22.9		19.6	29.4

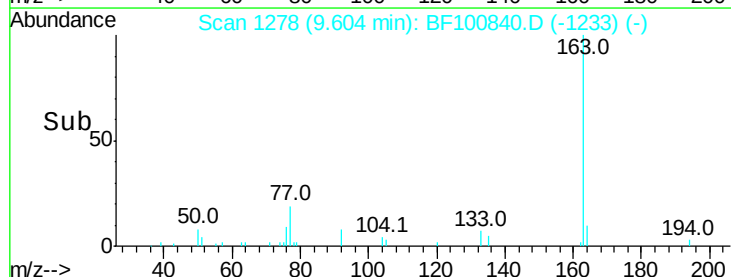
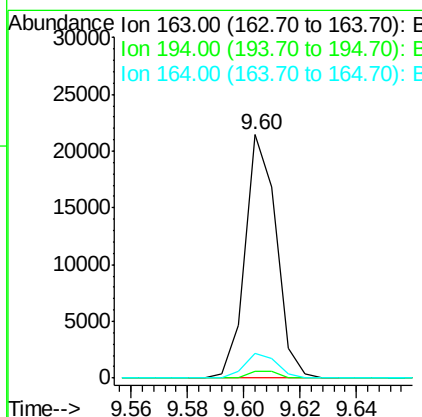
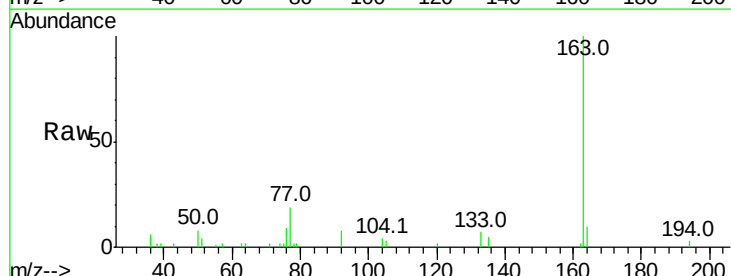
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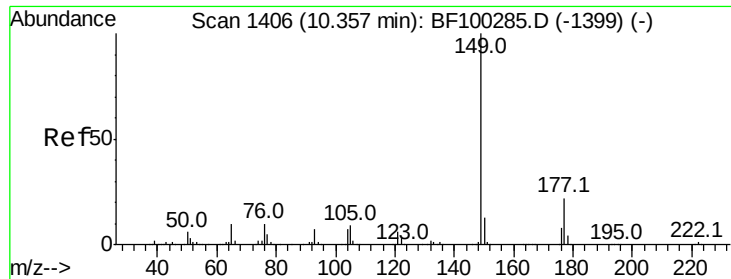
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#49
Dimethylphthalate
Concen: 7.711 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.04 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	16314		
194	2.9		2.7	4.1
164	10.3		8.2	12.2





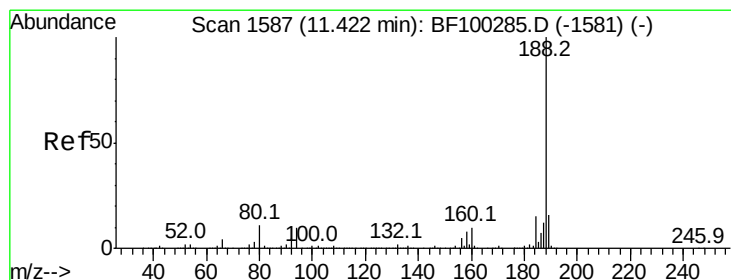
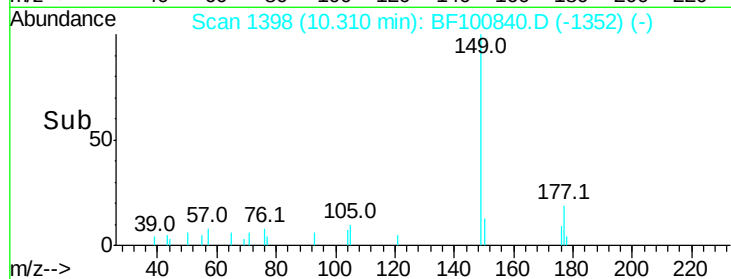
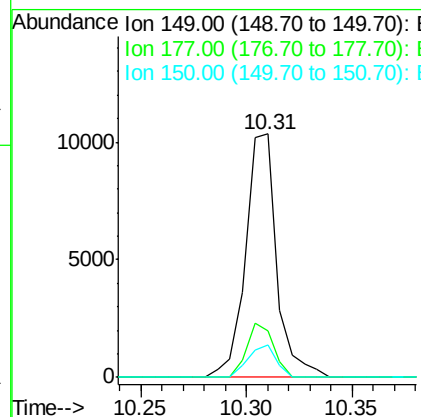
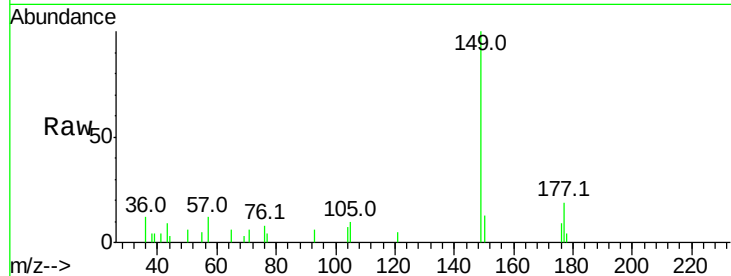
#59
 Diethylphthalate
 Concen: 4.990 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.03 min
 Lab File: BF100840.D
 Acq: 22 Nov 2017 23:01

Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tot Ion:	149	Resp:	10565
Ion Ratio	Lower	Upper	
149	100		
177	19.1	16.1	24.1
150	13.2	10.1	15.1

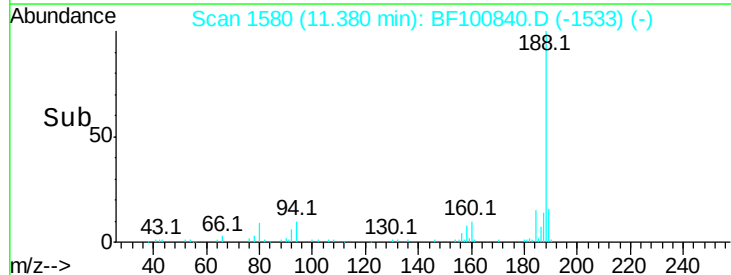
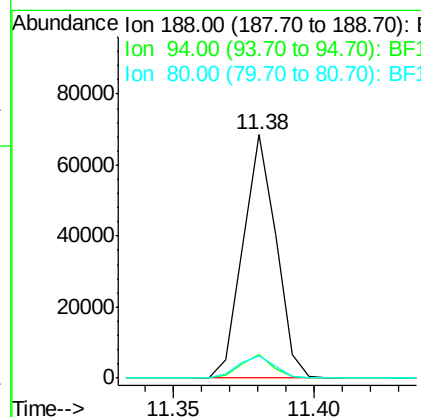
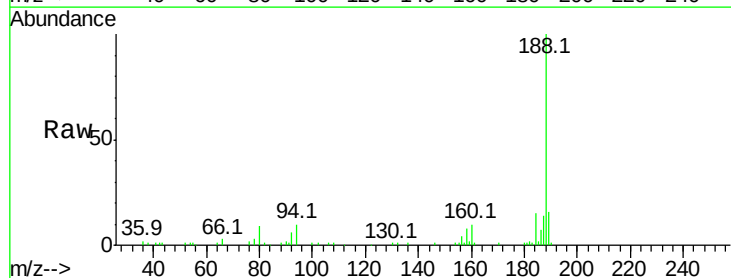
Manual Integrations
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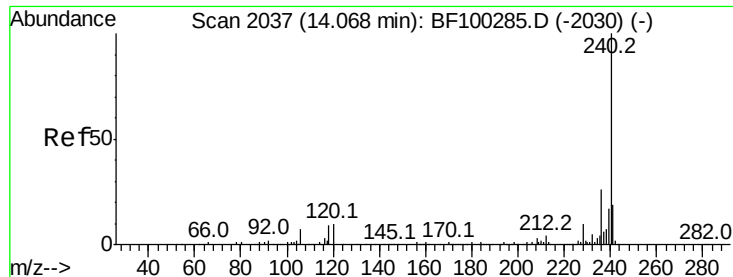
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.02 min
 Lab File: BF100840.D
 Acq: 22 Nov 2017 23:01

Tgt Ion:	188	Resp:	55885
Ion Ratio	Lower	Upper	
188	100		
94	9.8	8.5	12.7
80	9.3	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: BF100840.D

Acq: 22 Nov 2017 23:01

Instrument :

BNA_F

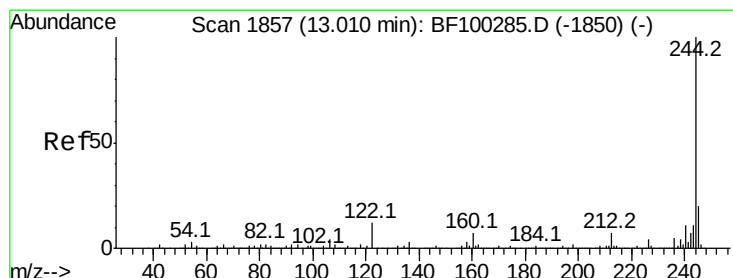
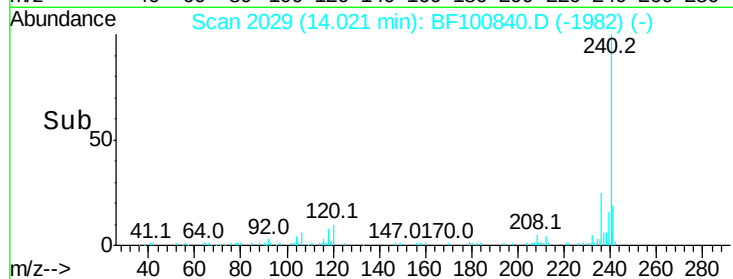
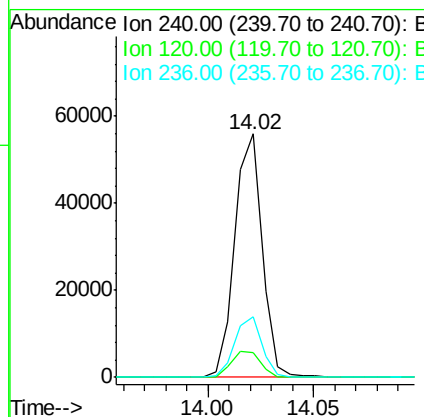
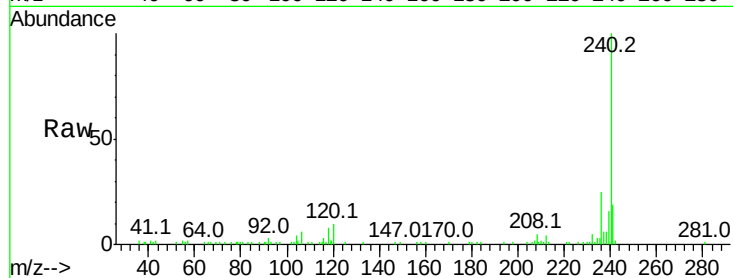
ClientSampleId :

SP-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	24.9	20.7	31.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 93.113 ng

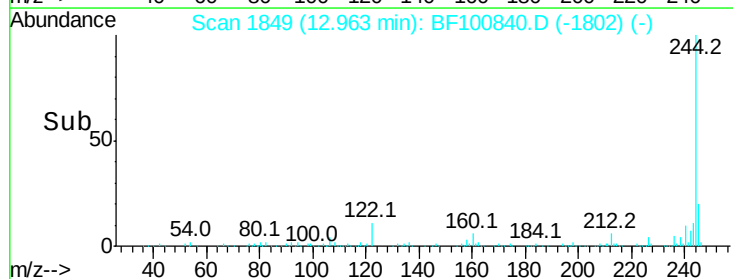
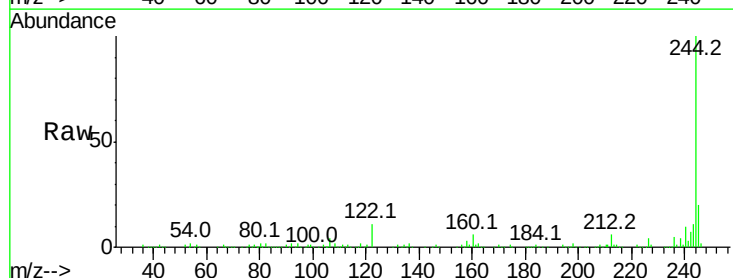
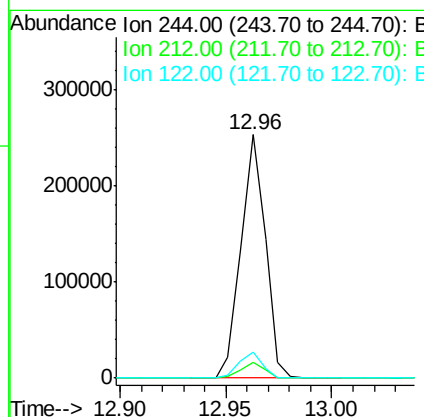
RT: 12.96 min Scan# 1849

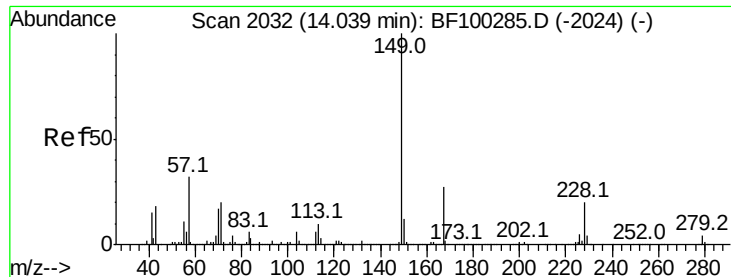
Delta R.T. -0.02 min

Lab File: BF100840.D

Acq: 22 Nov 2017 23:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.7	11.0	16.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.117 ng/mL

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF100840.D

Acq: 22 Nov 2017 23:01

Instrument :

BNA_F

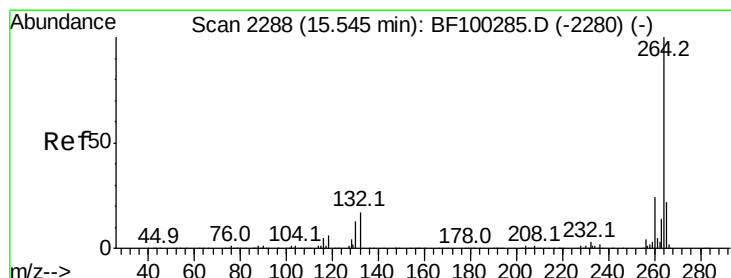
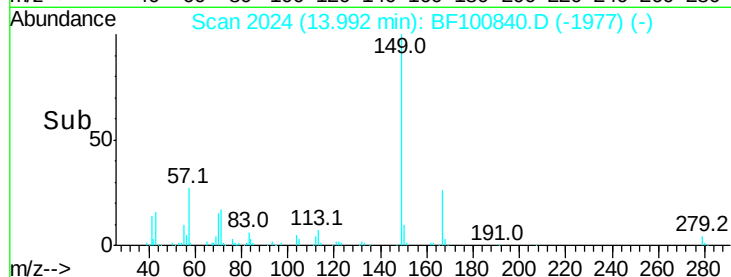
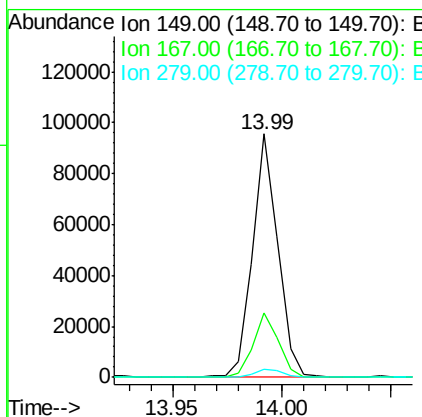
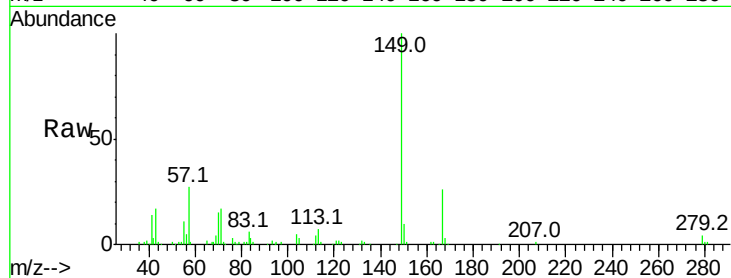
ClientSampleId :

SP-1

Tot Ion:	149	Resp:	76363
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.3	31.9
279	3.5	3.0	4.4

Manual Integrations
APPROVED

Sohil
11/27/2017 3:20:29 PM



#86

Perylene-d12

Concen: 20.000 ng/mL

RT: 15.49 min Scan# 2278

Delta R.T. -0.03 min

Lab File: BF100840.D

Acq: 22 Nov 2017 23:01

Tgt Ion:	264	Resp:	41628
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	21.0	17.5	26.3

