

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100938.D
 Acq On : 28 Nov 2017 17:12
 Operator : SJ/JU
 Sample : I6579-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAR-5-E(4-5)

Manual Integrations
 APPROVED

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 11/29/2017 4:28:38 PM

Quant Time: Nov 29 06:58:02 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	6.86	152	67464	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	261015	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	112542	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	187613	20.00	ng	0.00
75) Chrysene-d12	14.02	240	155933	20.00	ng	0.00
86) Perylene-d12	15.49	264	159005	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	499373	118.65	ng	0.01
7) Phenol-d6	6.49	99	615682	118.63	ng	0.00
23) Nitrobenzene-d5	7.42	82	379015	96.00	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	143757	125.35	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	741746	100.36	ng	0.00
78) Terphenyl-d14	12.97	244	562901	82.94	ng	0.00
Target Compounds						
10) Phenol	6.50	94	24600	4.515	ng	99
49) Dimethylphthalate	9.60	163	85342	9.932	ng	99

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

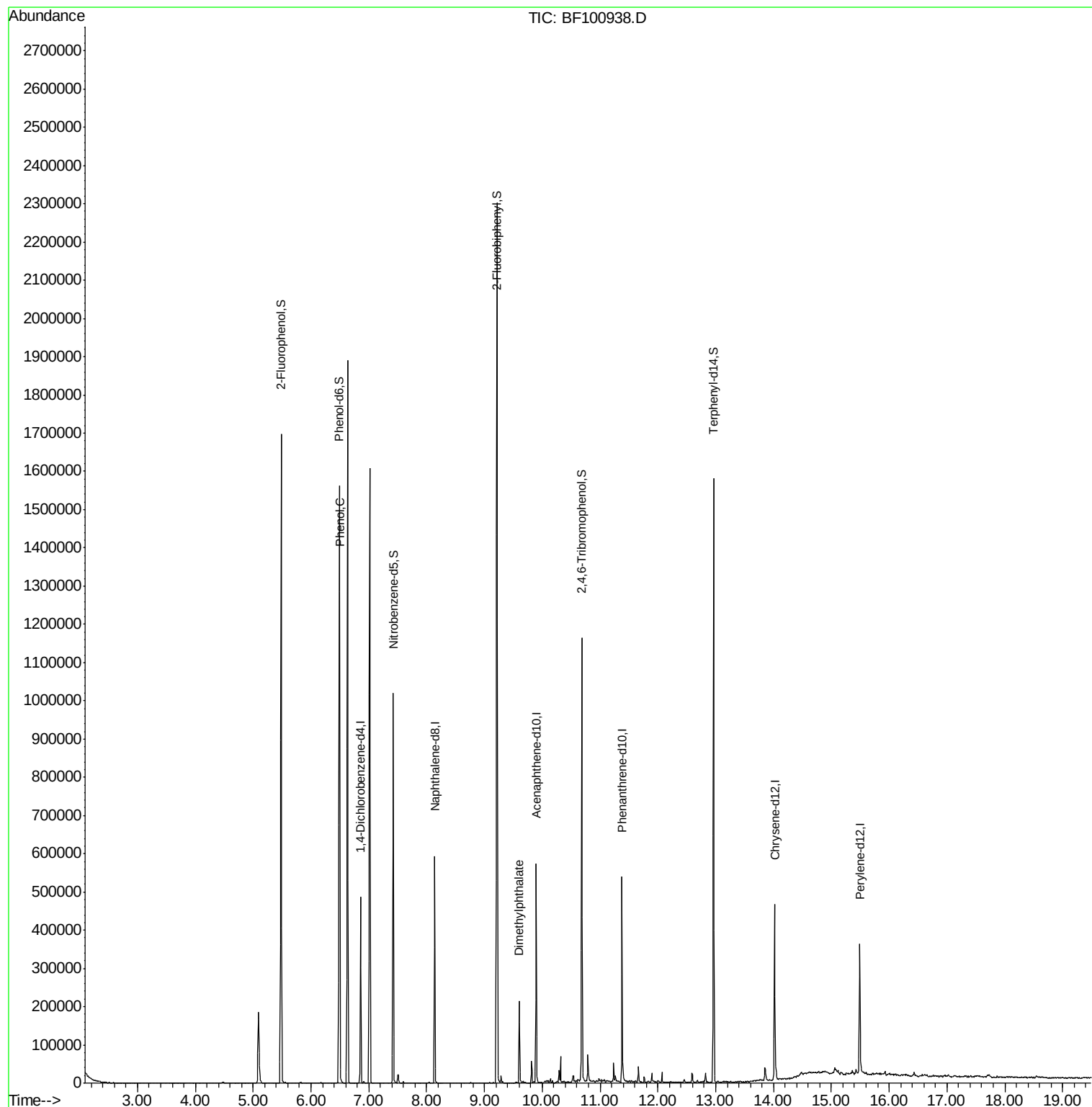
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100938.D
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Sample : I6579-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

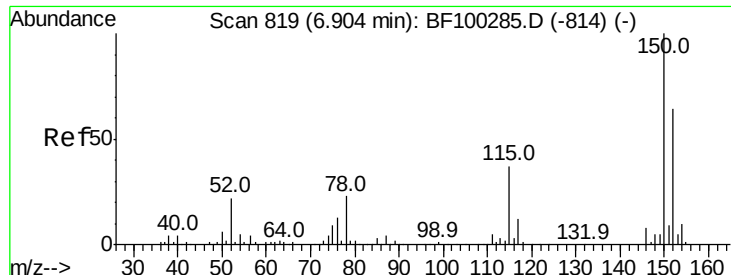
Instrument :
BNA_F
ClientSampleId :
HAR-5-E(4-5)

Manual Integrations
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#1

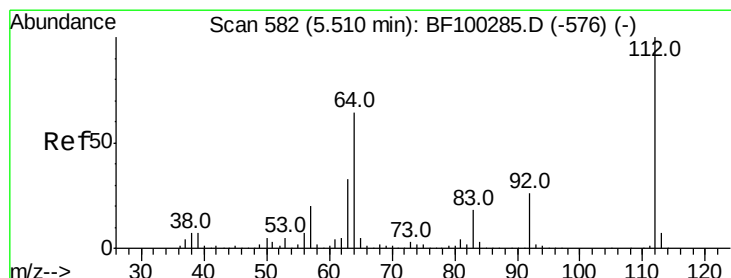
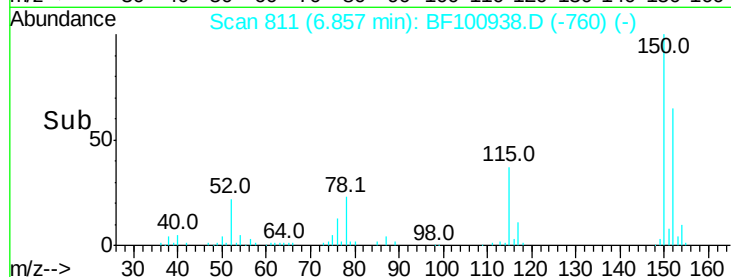
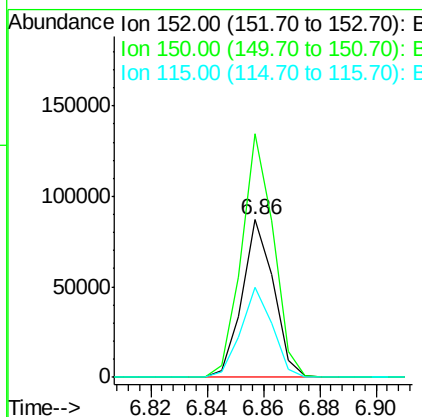
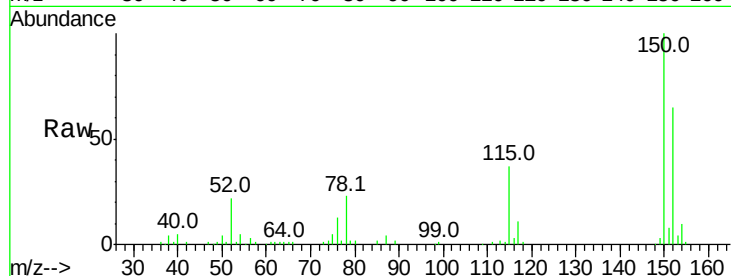
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100938.D
Acq: 28 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :
HAR-5-E(4-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	57.4	50.1	75.1

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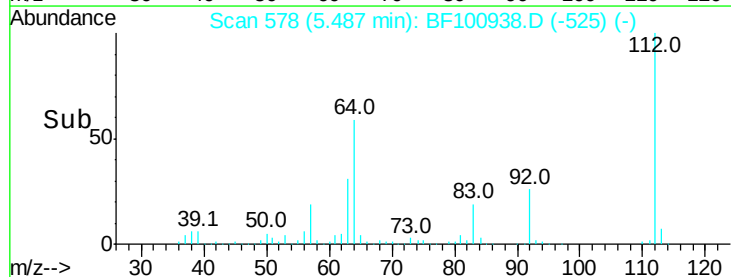
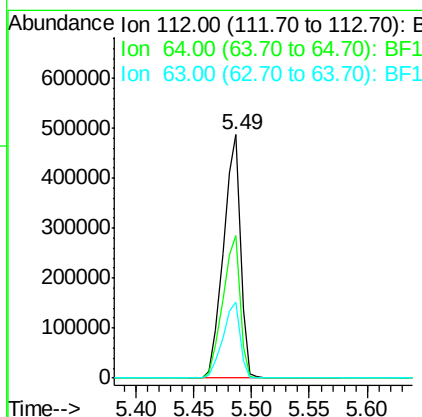
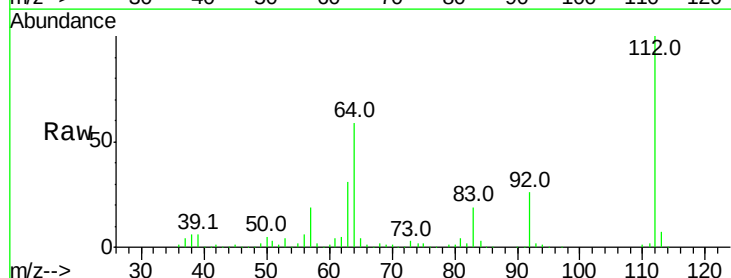
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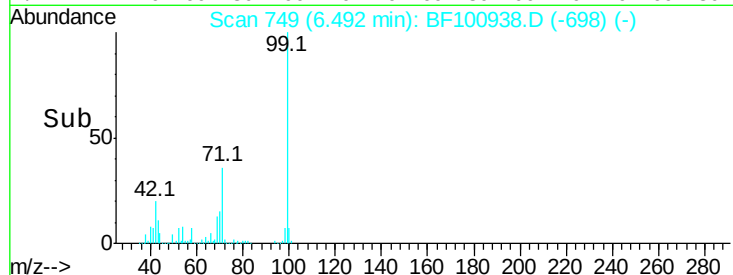
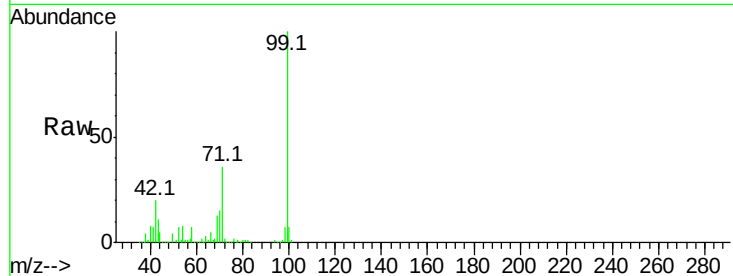
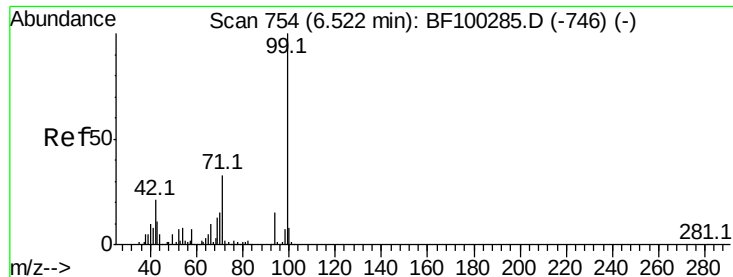


#5

2-Fluorophenol
Concen: 118.654 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF100938.D
Acq: 28 Nov 2017 17:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	31.0	23.7	35.5





#7

Phenol-d6

Concen: 118.633 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF100938.D

Acq: 28 Nov 2017 17:12

Tot Ion:	99	Resp:	615682
Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	35.5	25.4	38.0

Instrument :

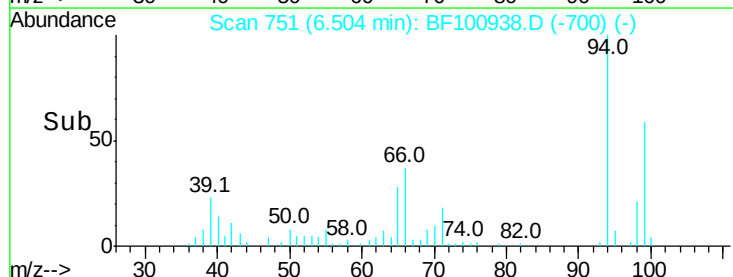
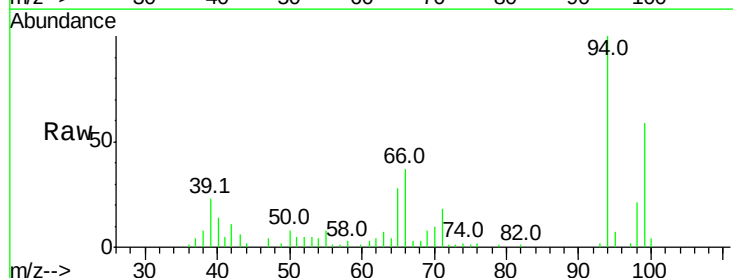
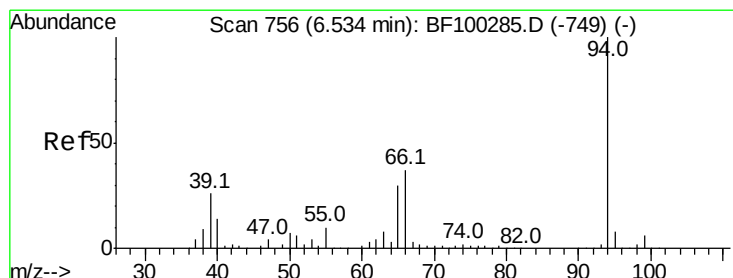
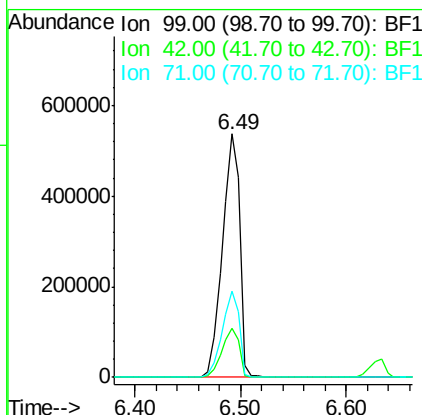
BNA_F

ClientSampleId :

HAR-5-E(4-5)

Manual Integrations
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#10

Phenol

Concen: 4.515 ng

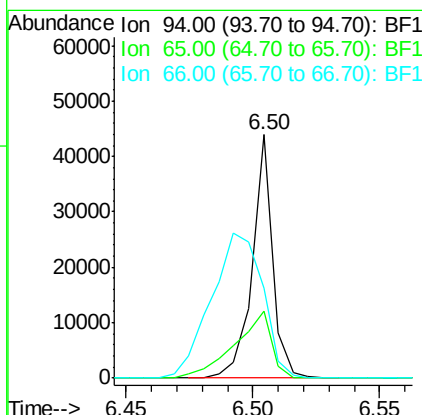
RT: 6.50 min Scan# 751

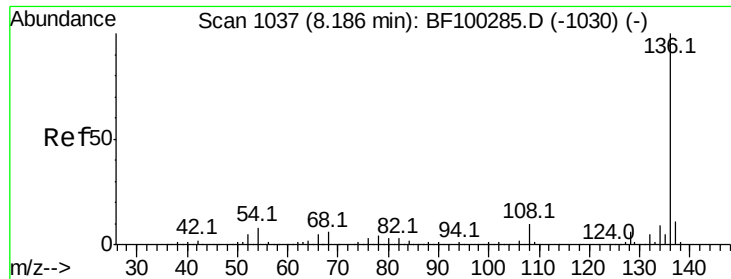
Delta R.T. -0.00 min

Lab File: BF100938.D

Acq: 28 Nov 2017 17:12

Tgt Ion:	94	Resp:	24600
Ion	Ratio	Lower	Upper
94	100		
65	27.8	7.9	47.9
66	36.9	16.2	56.2





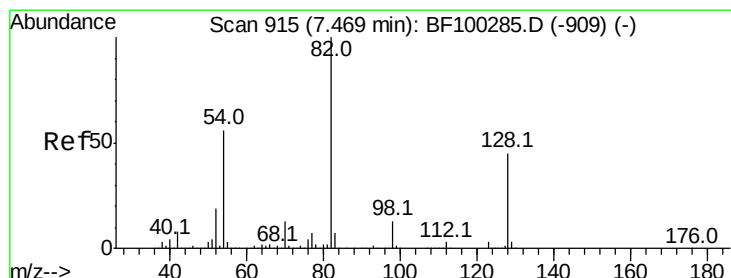
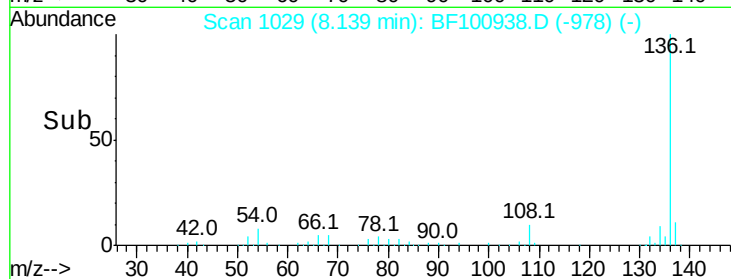
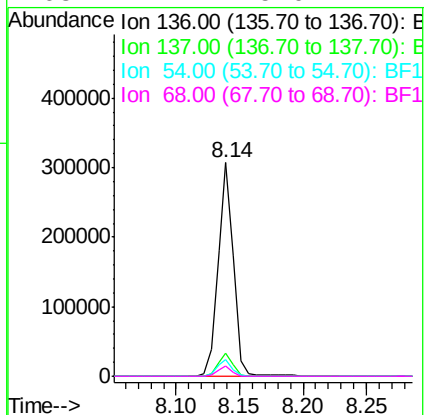
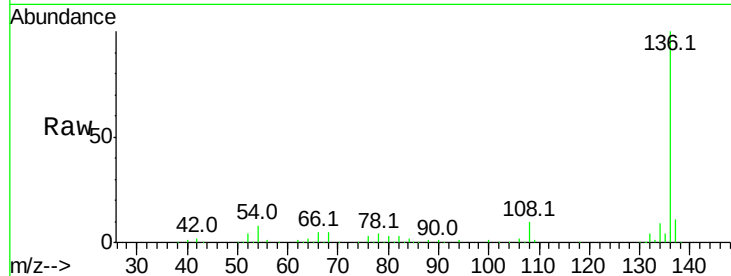
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100938.D
Acq: 28 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :
HAR-5-E(4-5)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	261015		
137	10.7		8.9	13.3
54	7.9		6.6	9.8
68	4.7		5.0	7.4#

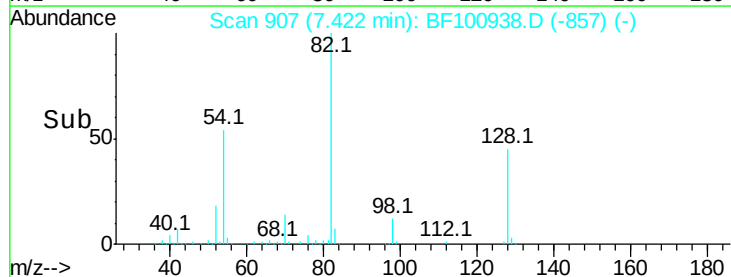
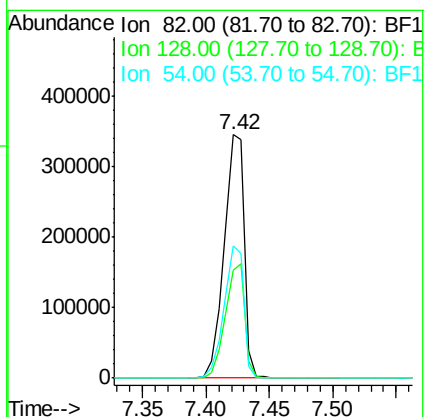
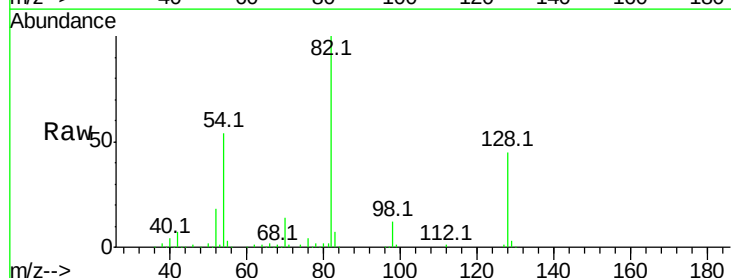
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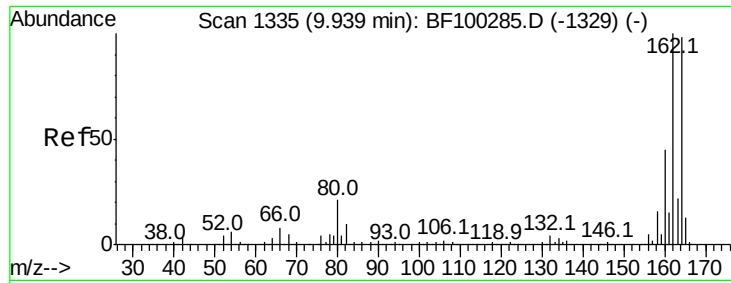
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#23
Nitrobenzene-d5
Concen: 96.002 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100938.D
Acq: 28 Nov 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	379015		
128	44.6		36.1	54.1
54	54.3		41.4	62.2





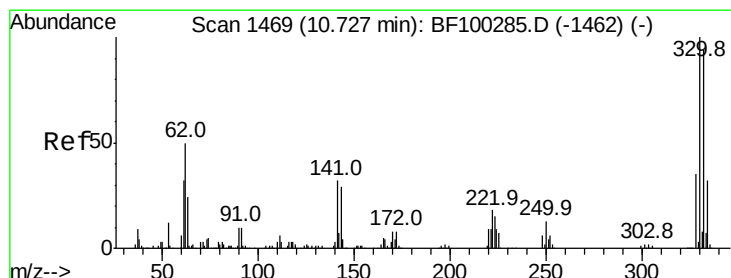
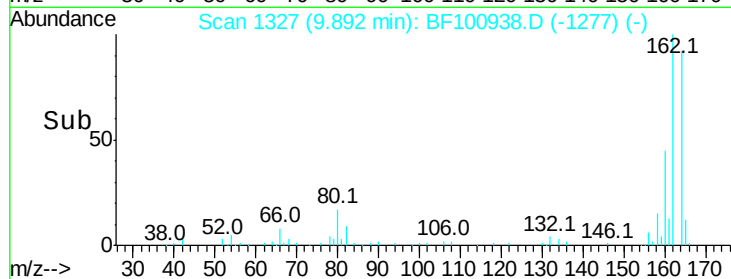
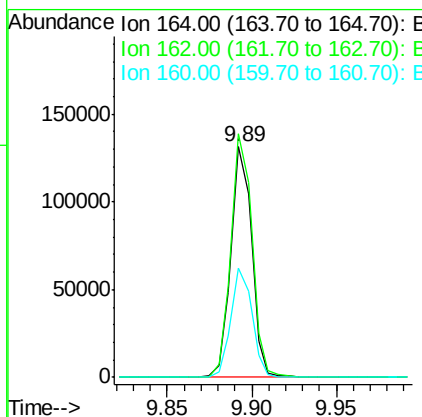
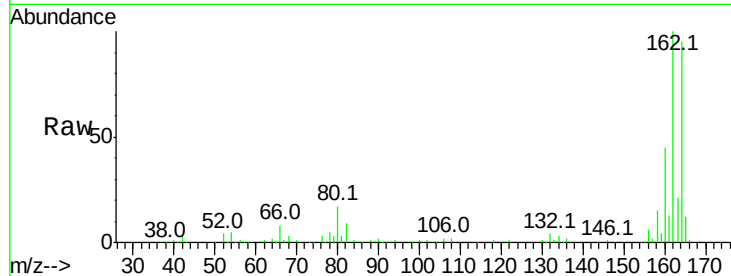
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100938.D
Acq: 28 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :
HAR-5-E(4-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	47.4	38.3	57.5

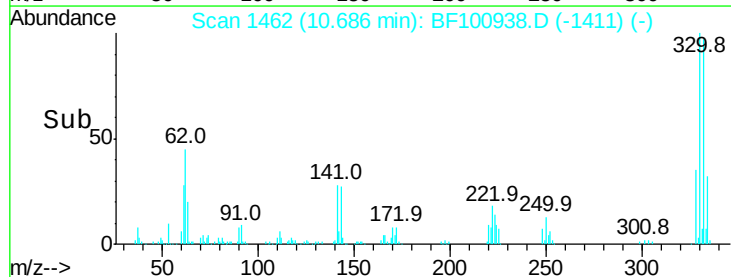
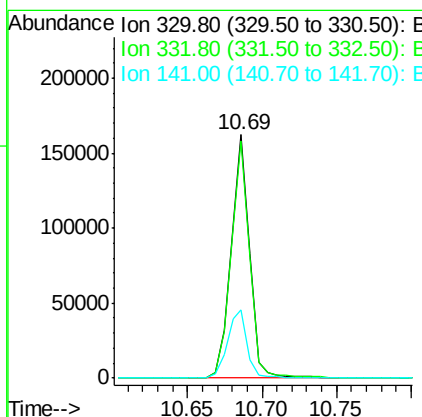
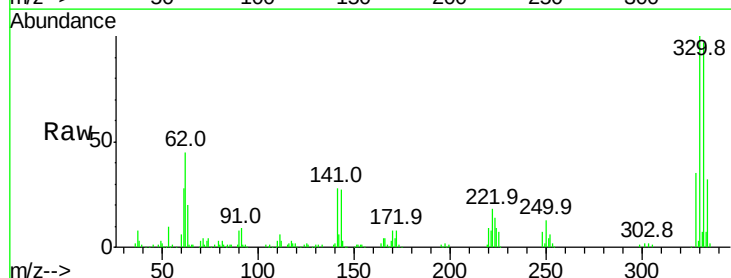
Manual Integrations
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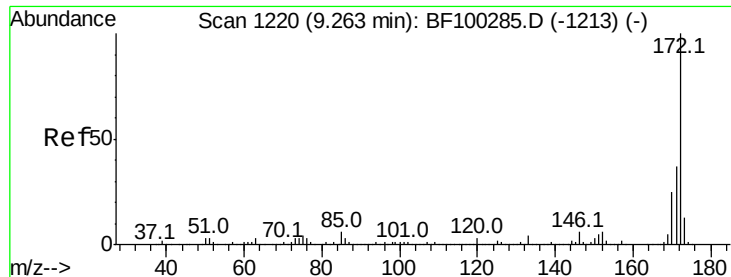
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#41
2,4,6-Tribromophenol
Concen: 125.355 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF100938.D
Acq: 28 Nov 2017 17:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	29.9	29.9	44.9#





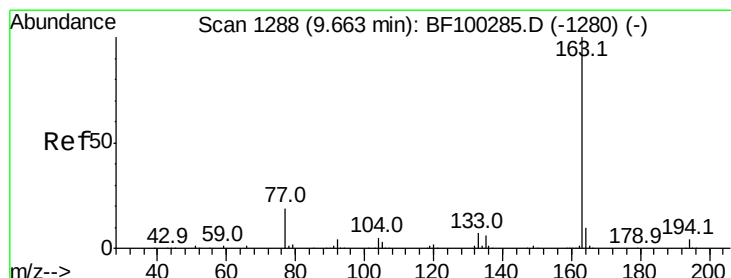
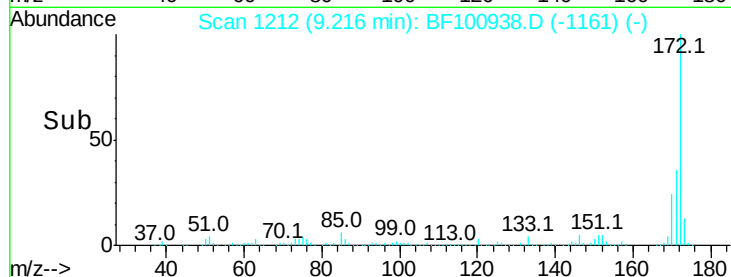
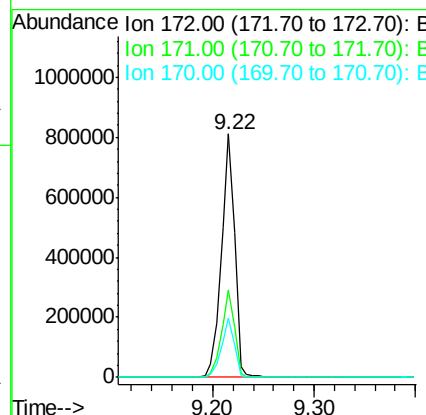
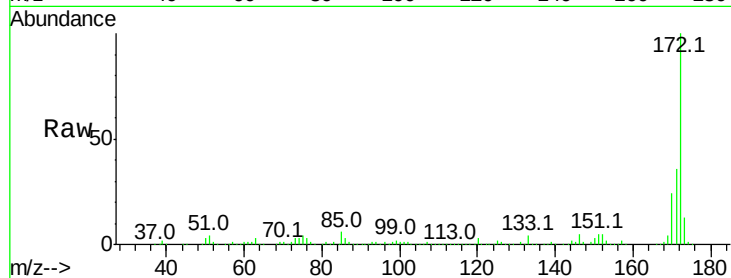
#44
2-Fluorobiphenyl
Concen: 100.359 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF100938.D
Acq: 28 Nov 2017 17:12

Instrument :
BNA_F
ClientSampled :
HAR-5-E(4-5)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.4	19.6	29.4

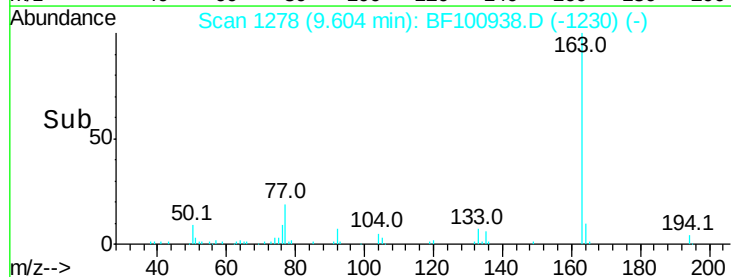
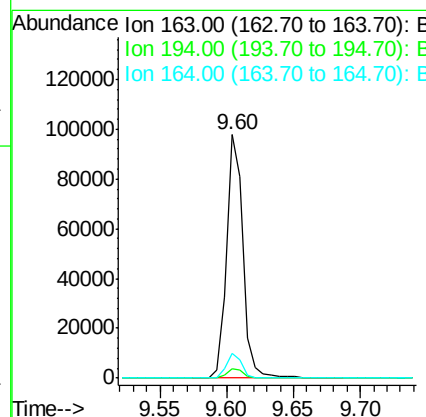
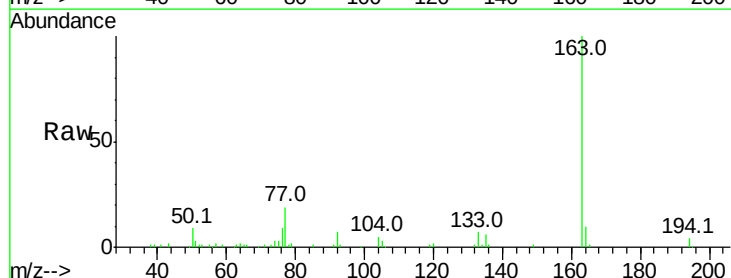
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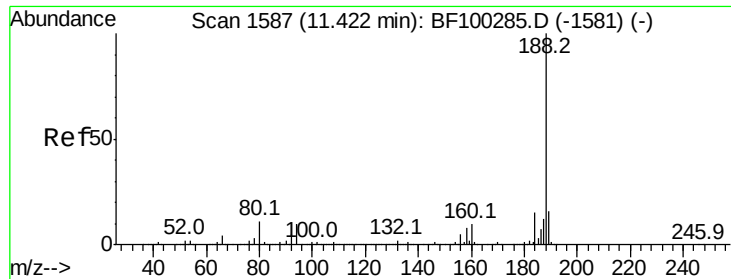
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#49
Dimethylphthalate
Concen: 9.932 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100938.D
Acq: 28 Nov 2017 17:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.0	8.2	12.2





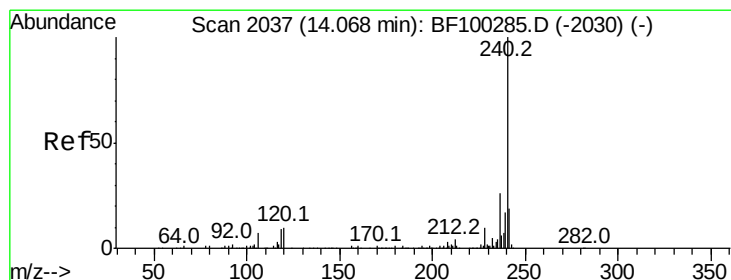
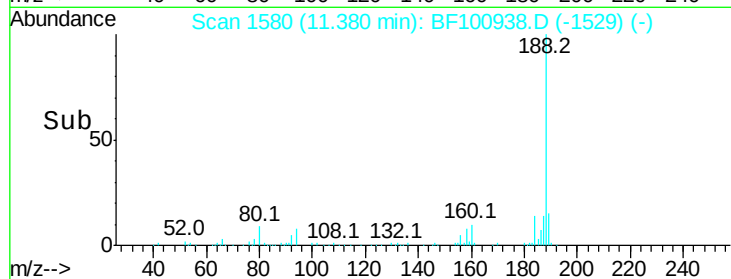
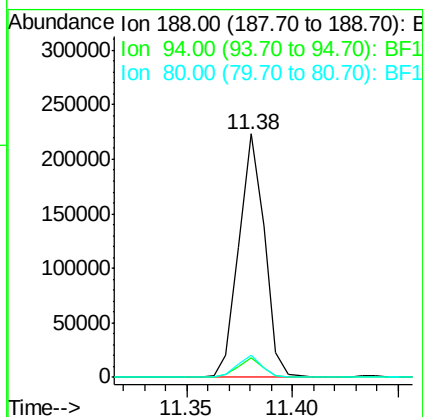
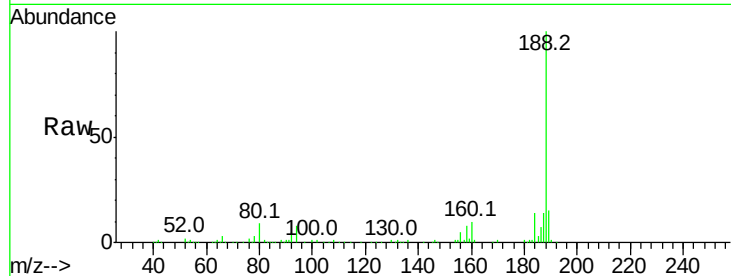
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100938.D
Acq: 28 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :
HAR-5-E(4-5)

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.8	8.5	12.7#
80	8.9	9.2	13.8#

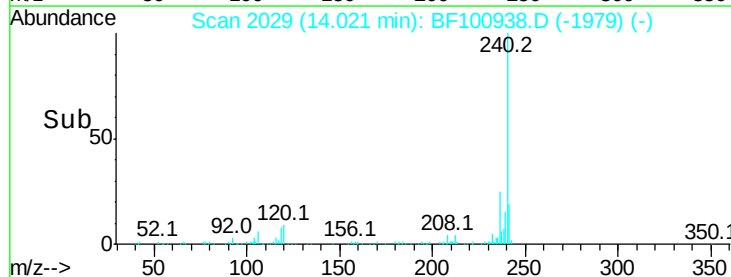
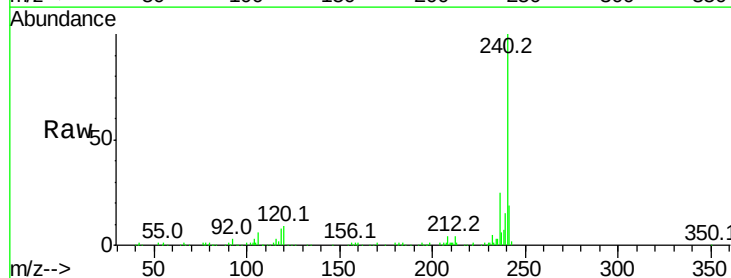
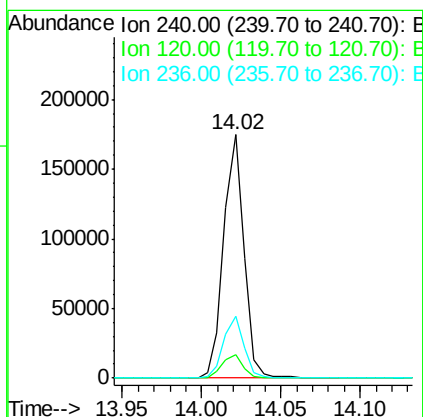
Manual Integrations
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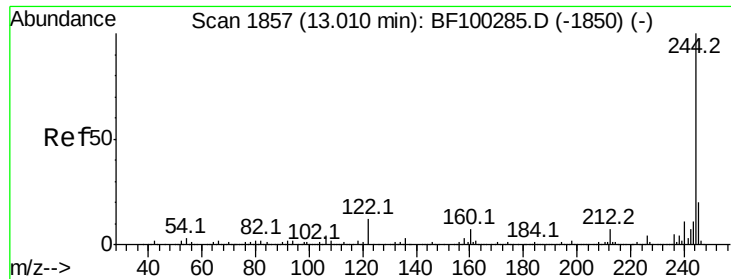
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100938.D
Acq: 28 Nov 2017 17:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.4	9.5	14.3#
236	25.3	20.7	31.1





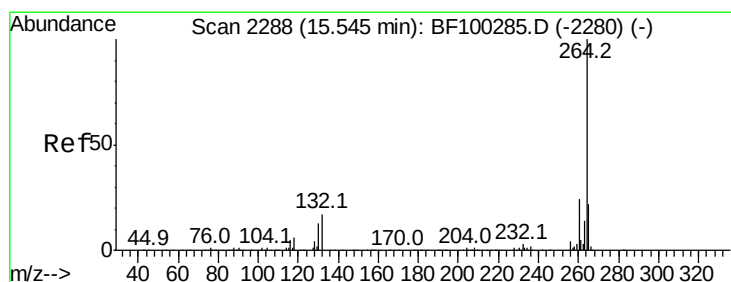
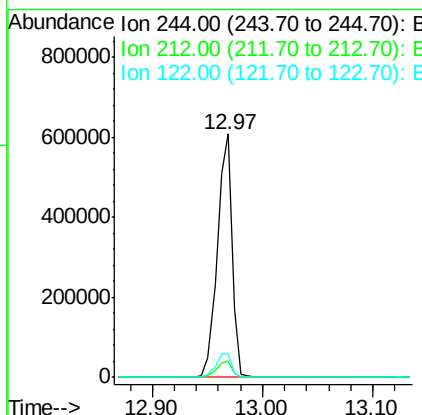
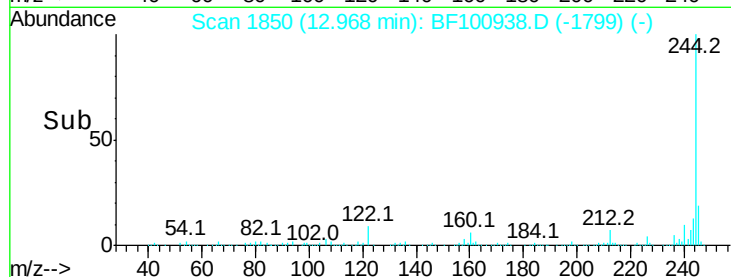
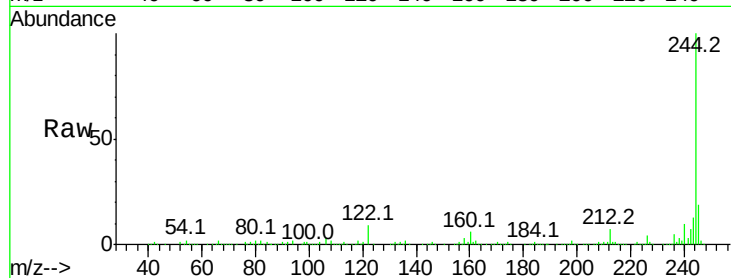
#78
 Terphenyl-d14
 Concen: 82.945 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF100938.D
 Acq: 28 Nov 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 HAR-5-E(4-5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.4	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. -0.00 min
 Lab File: BF100938.D
 Acq: 28 Nov 2017 17:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.0	17.5	26.3

