

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096838.D
 Acq On : 18 Jul 2017 10:43
 Operator : SJ/JU
 Sample : I4205-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-TWP01

Manual Integrations
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Quant Time: Jul 19 07:16:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	110835	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	397079	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	169283	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	308408	20.00	ng	0.00
75) Chrysene-d12	13.73	240	254078	20.00	ng	0.00
86) Perylene-d12	15.09	264	187062	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	323716	43.92	ng	0.00
7) Phenol-d6	6.24	99	284579	32.17	ng	-0.01
23) Nitrobenzene-d5	7.16	82	515971	80.49	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	181202	125.40	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	901114	84.10	ng	0.00
78) Terphenyl-d14	12.69	244	779182	53.18	ng	0.00
Target Compounds						
51) Acenaphthene	9.66	154	48397	4.810	ng	99
57) Fluorene	10.17	166	93206	8.945	ng	# 89

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

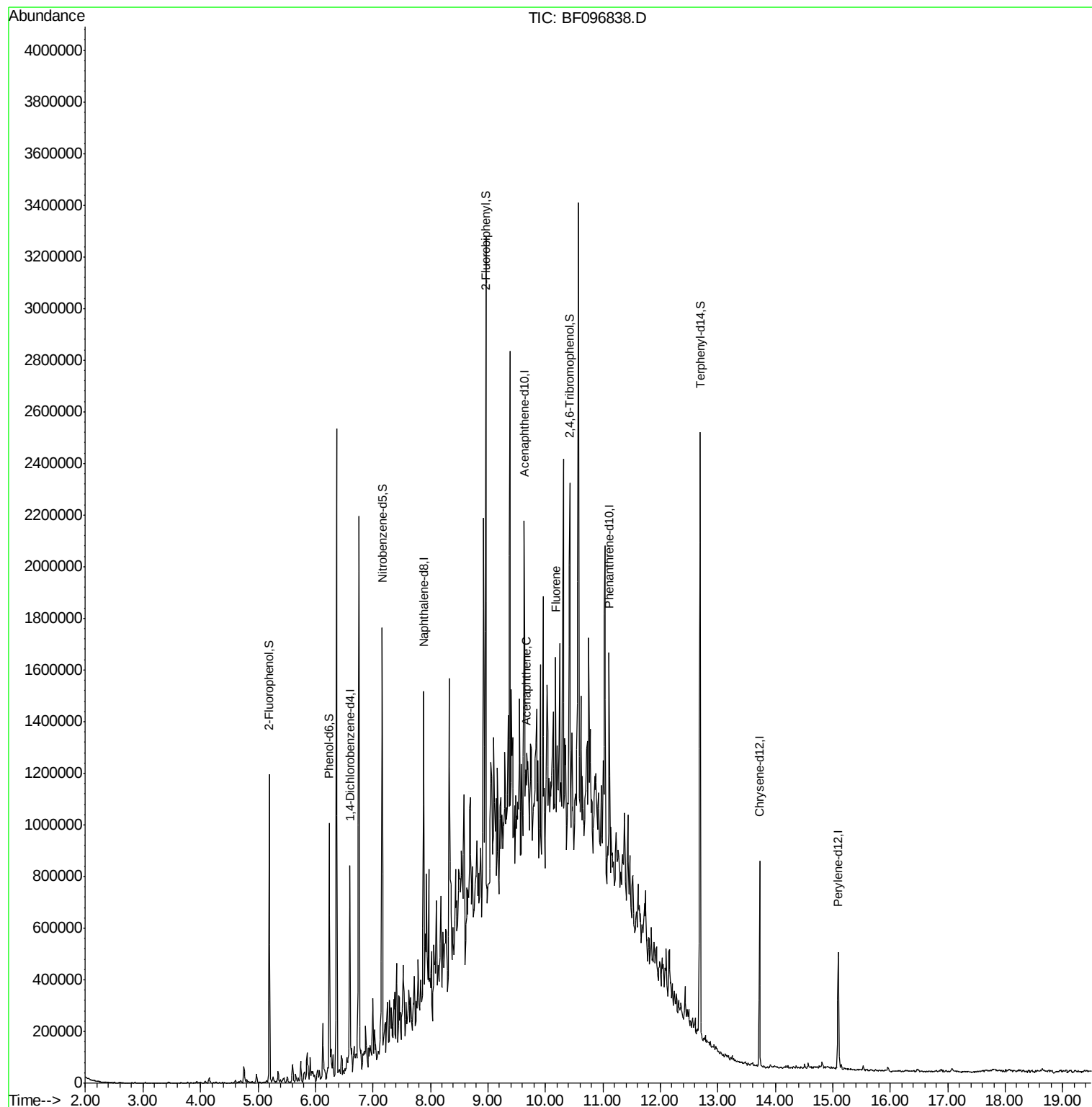
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096838.D
Acq On : 18 Jul 2017 10:43
Operator : SJ/JU
Sample : I4205-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

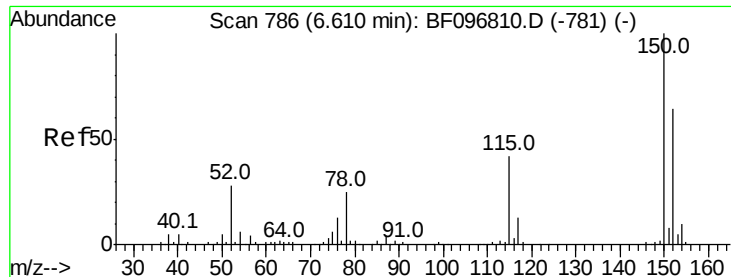
Instrument :
BNA_F
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#1

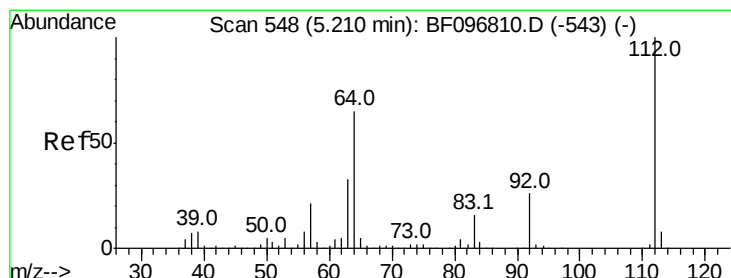
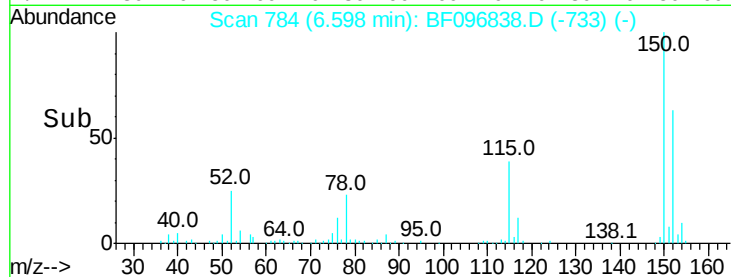
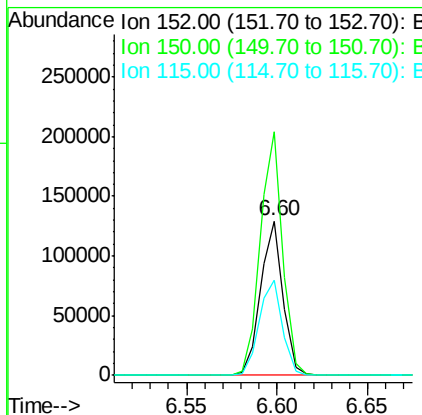
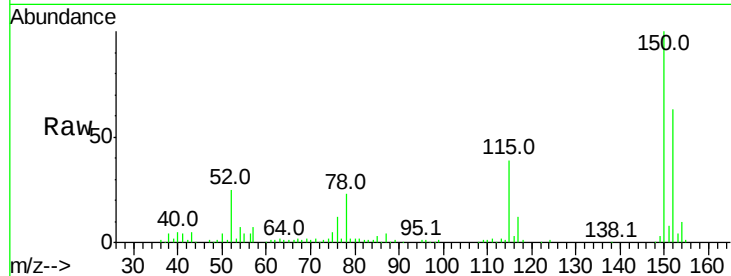
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Instrument :
BNA_F
ClientSampled :
NB-TWP01

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	61.5	52.2	78.2

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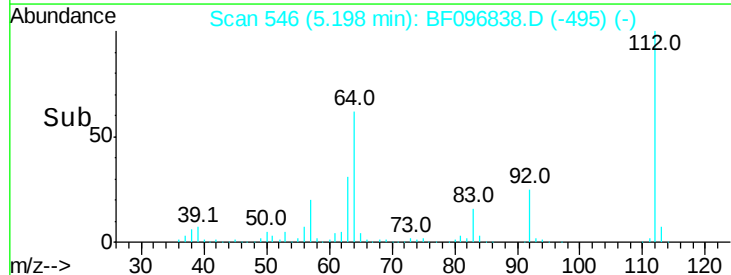
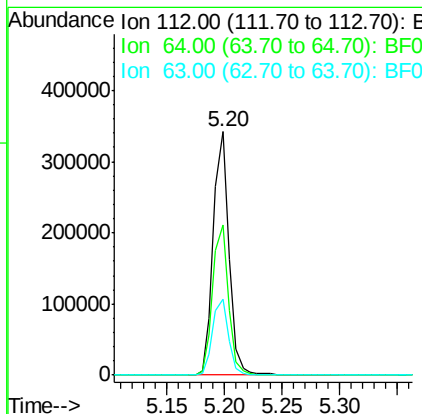
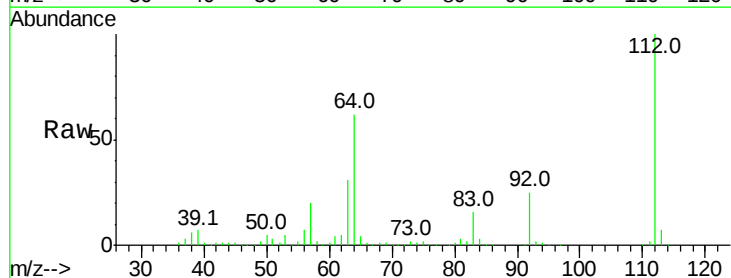
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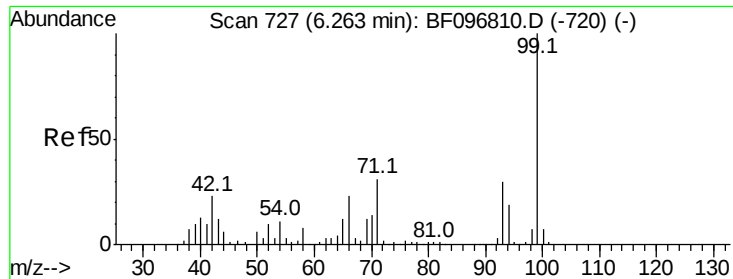


#5

2-Fluorophenol
Concen: 43.915 ng
RT: 5.20 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	46.0	69.0
63	31.2	23.4	35.0





#7

Phenol-d6

Concen: 32.171 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096838.D

Acq: 18 Jul 2017 10:43

Instrument :

BNA_F

ClientSampleId :

NB-TWP01

Tot Ion: 99 Resp: 284579

Ion Ratio Lower Upper

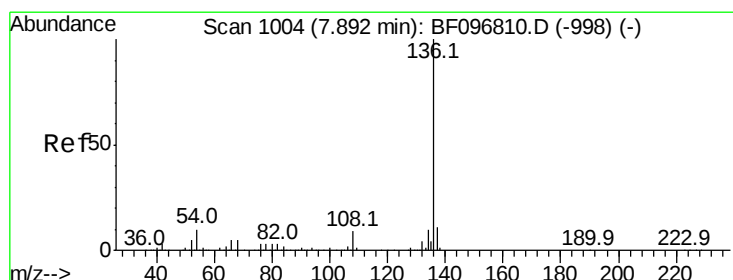
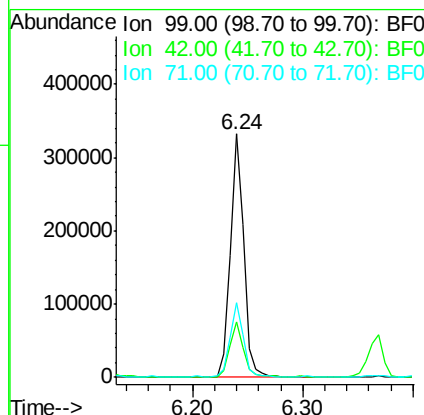
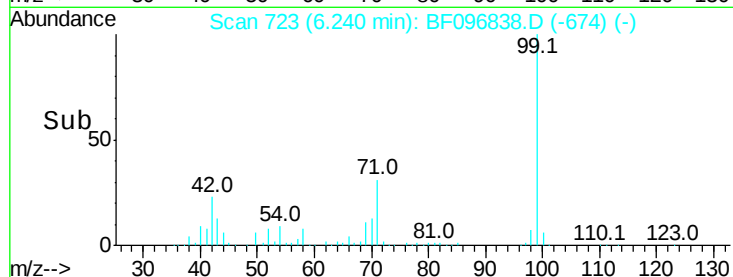
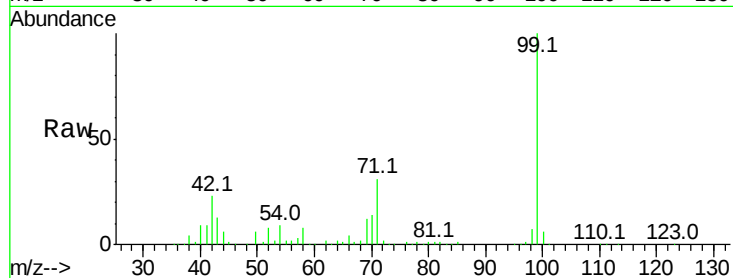
99 100

42 22.8 13.5 20.3#

71 30.9 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF096838.D

Acq: 18 Jul 2017 10:43

Tgt Ion: 136 Resp: 397079

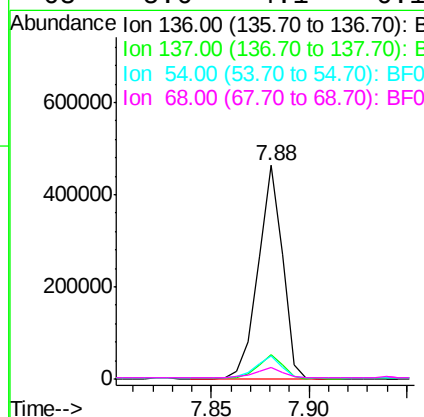
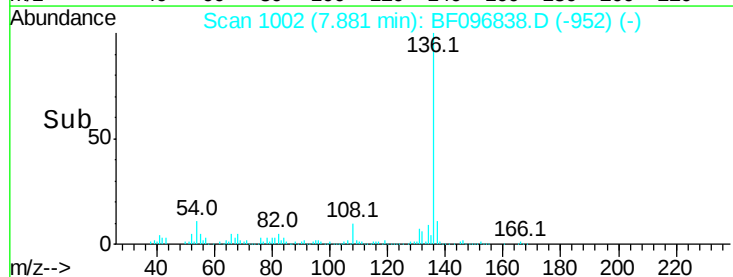
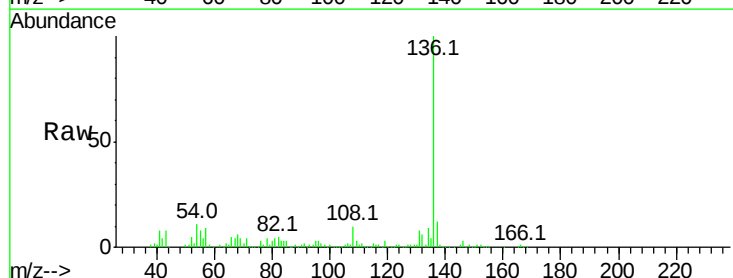
Ion Ratio Lower Upper

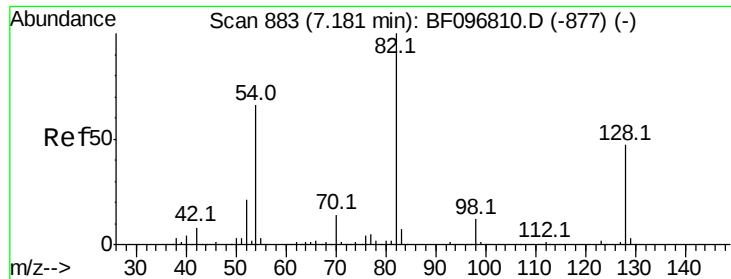
136 100

137 11.7 8.5 12.7

54 11.1 4.9 7.3#

68 5.6 4.1 6.1





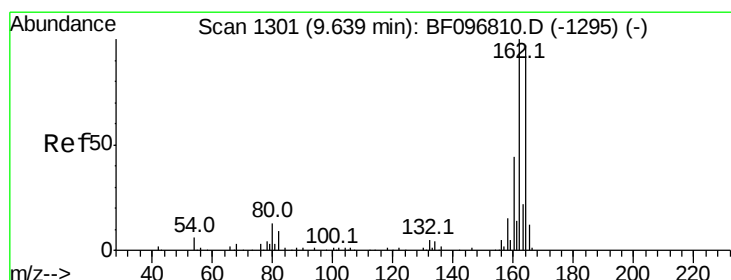
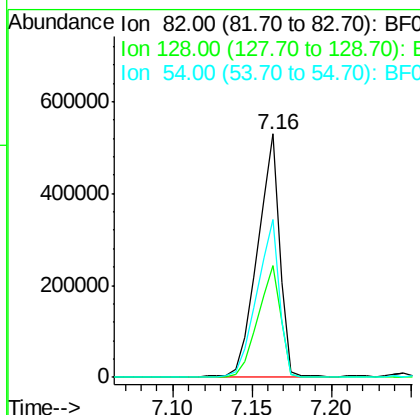
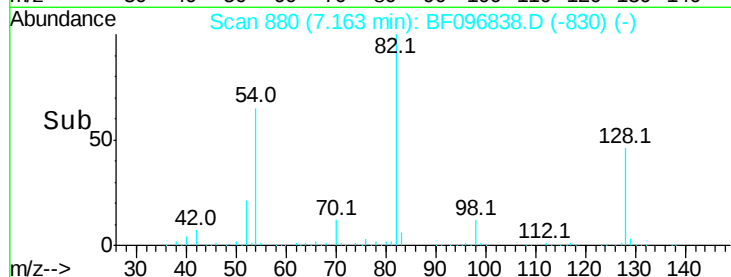
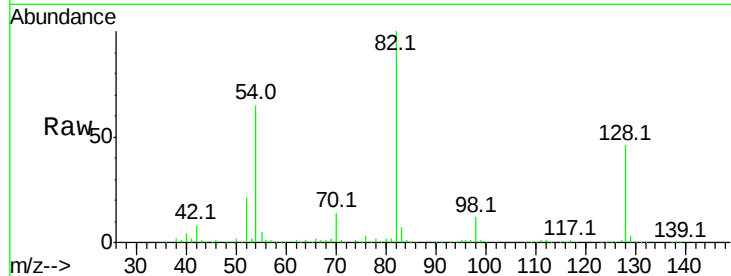
#23
Nitrobenzene-d5
Concen: 80.487 ng
RT: 7.16 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Instrument :
BNA_F
ClientSampleId :
NB-TWP01

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	64.7	42.2	63.2

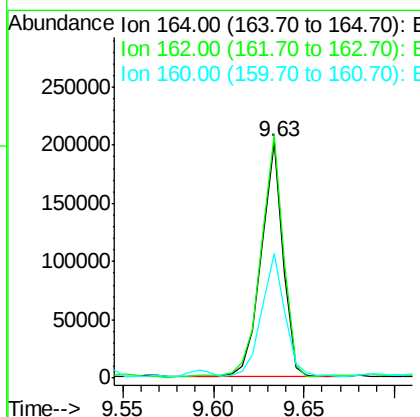
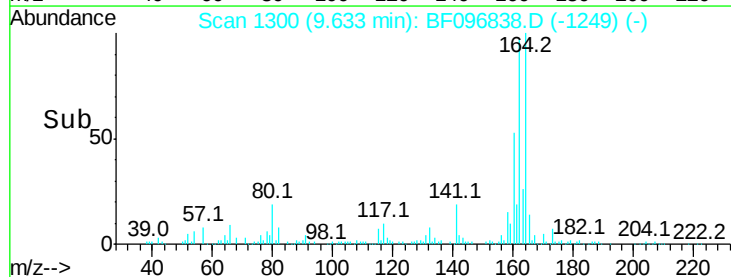
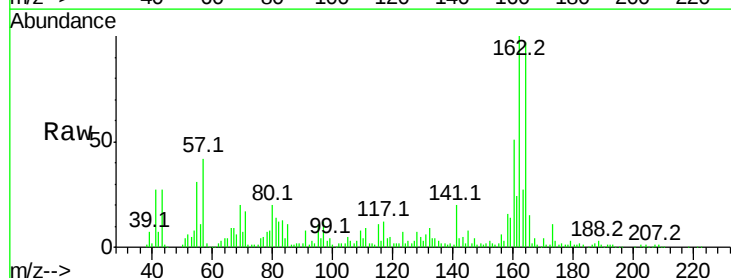
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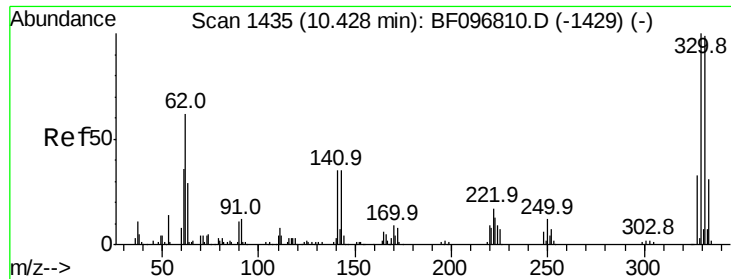
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	53.1	36.2	54.2





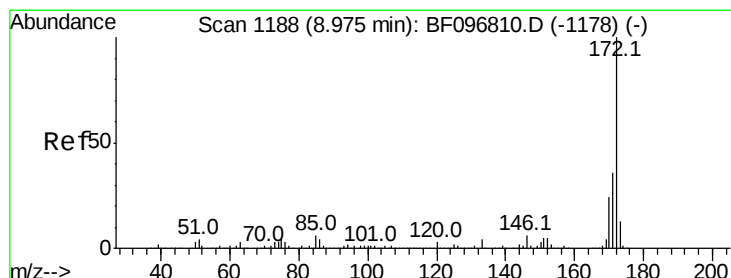
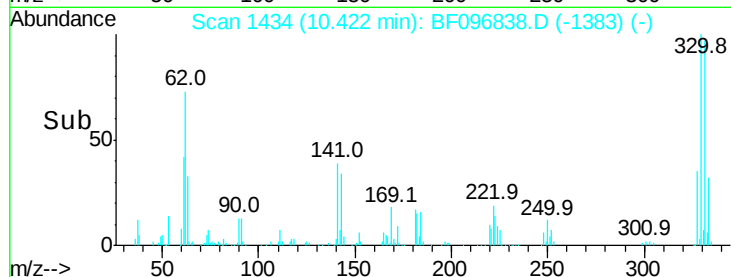
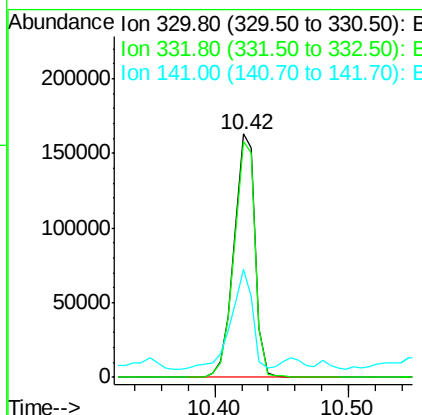
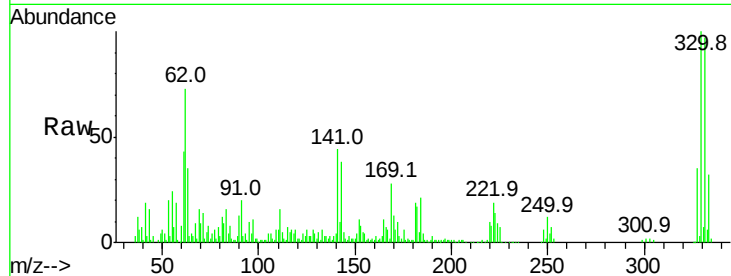
#41
 2,4,6-Tribromophenol
 Concen: 125.401 ng
 RT: 10.42 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: BF096838.D
 Acq: 18 Jul 2017 10:43

Instrument :
 BNA_F
 ClientSampled :
 NB-TWP01

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	42.1	31.4	47.2

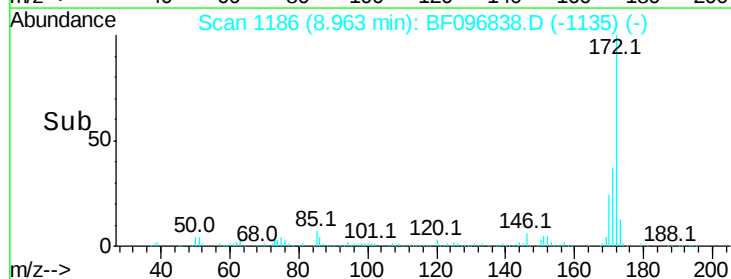
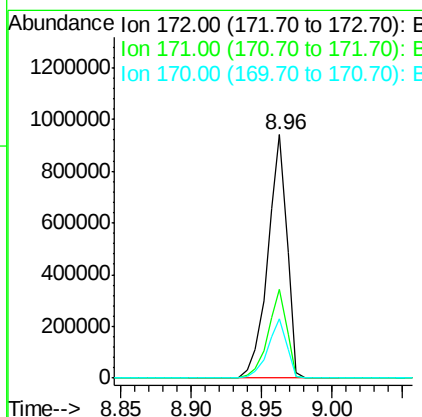
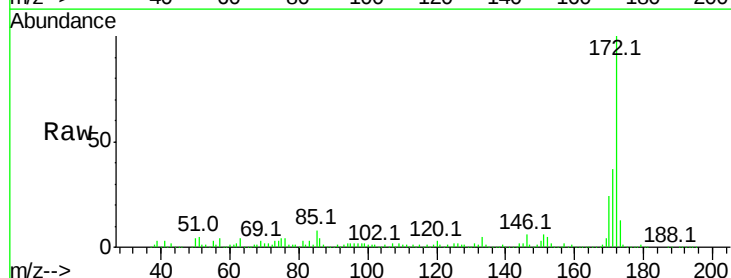
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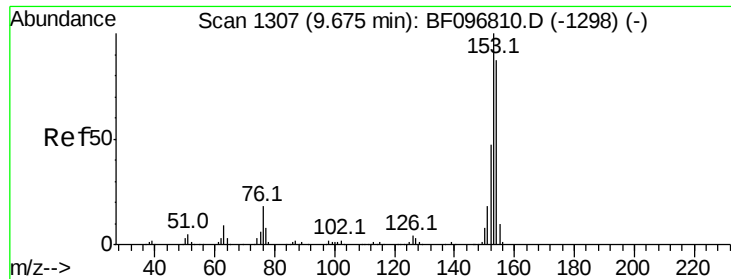
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#44
 2-Fluorobiphenyl
 Concen: 84.101 ng
 RT: 8.96 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF096838.D
 Acq: 18 Jul 2017 10:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.2	19.8	29.8





#51

Acenaphthene

Concen: 4.810 ng

RT: 9.66 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF096838.D

Acq: 18 Jul 2017 10:43

Instrument :

BNA_F

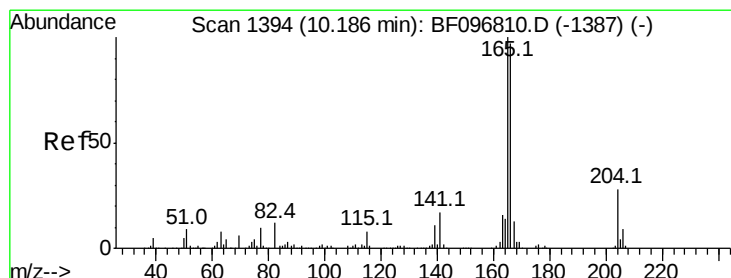
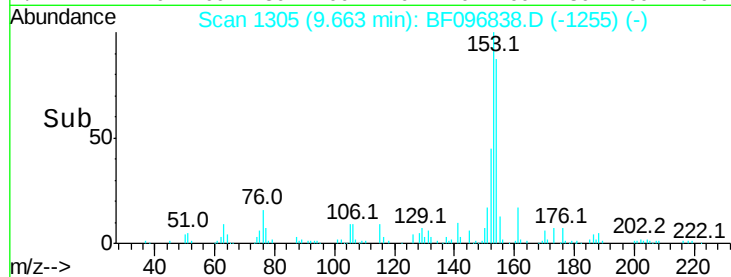
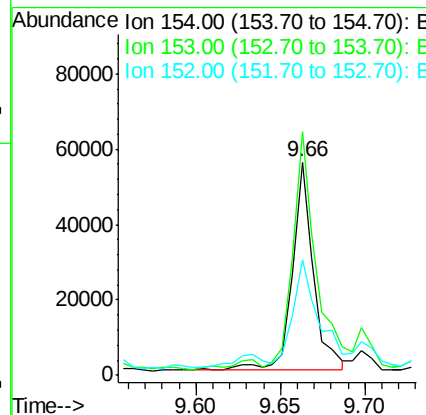
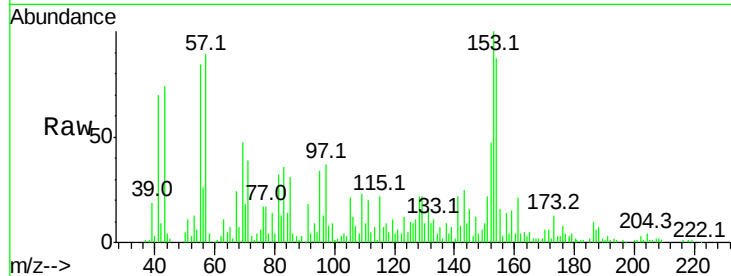
ClientSampleId :

NB-TWP01

Tot Ion:154 Resp: 48397
 Ion Ratio Lower Upper
 154 100
 153 114.3 90.5 135.7
 152 54.1 43.6 65.4

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#57

Fluorene

Concen: 8.945 ng

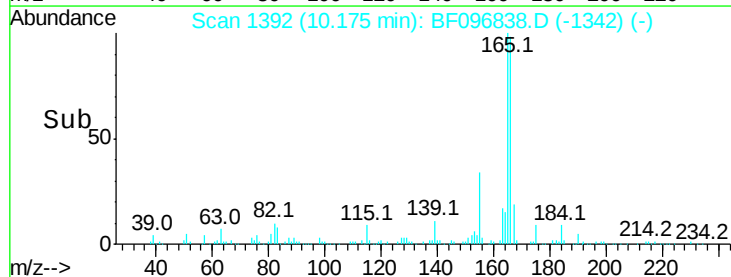
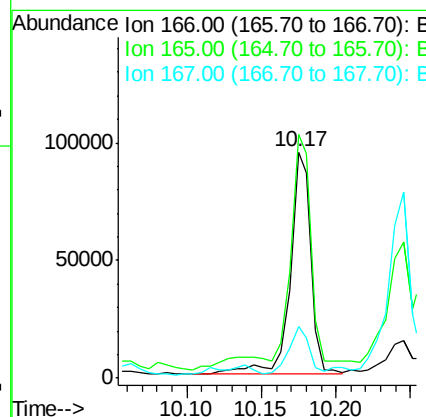
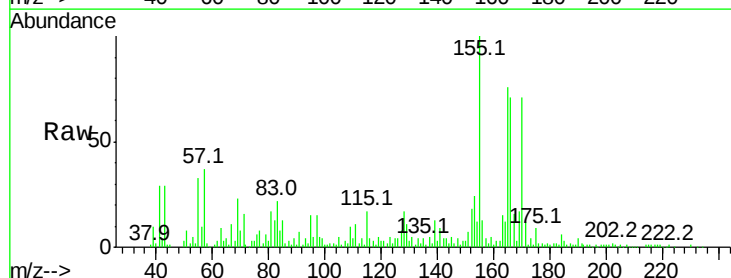
RT: 10.17 min Scan# 1392

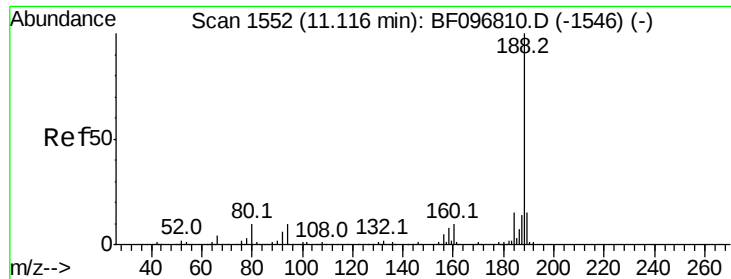
Delta R.T. -0.01 min

Lab File: BF096838.D

Acq: 18 Jul 2017 10:43

Tgt Ion:166 Resp: 93206
 Ion Ratio Lower Upper
 166 100
 165 107.8 78.8 118.2
 167 22.7 10.6 16.0#





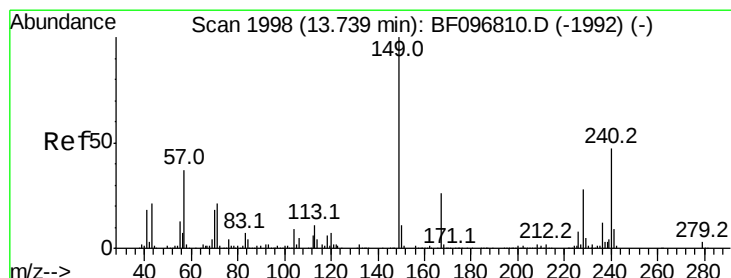
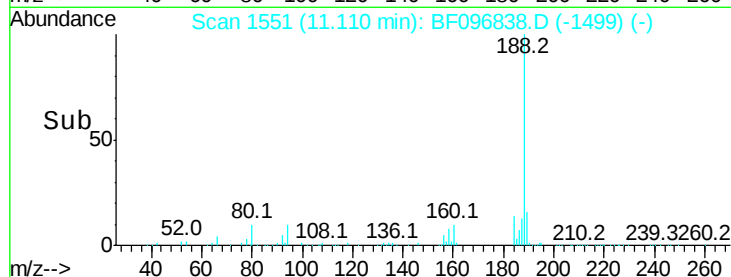
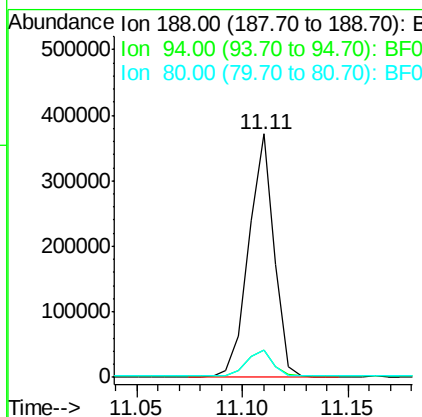
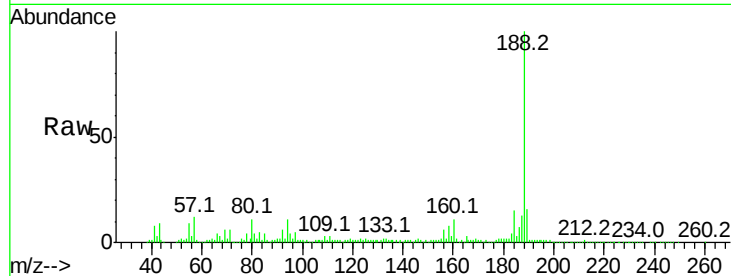
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Instrument :
BNA_F
ClientSampled :
NB-TWP01

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.0	10.2	15.2

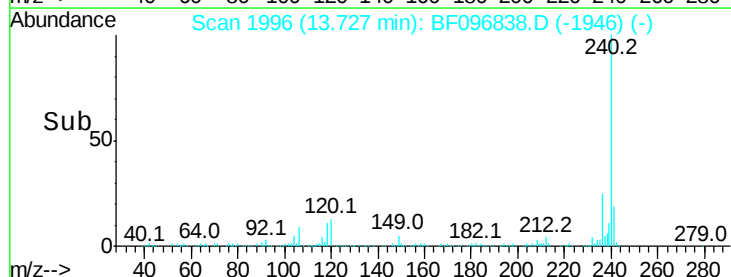
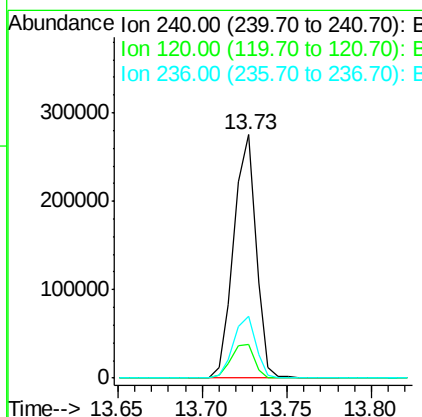
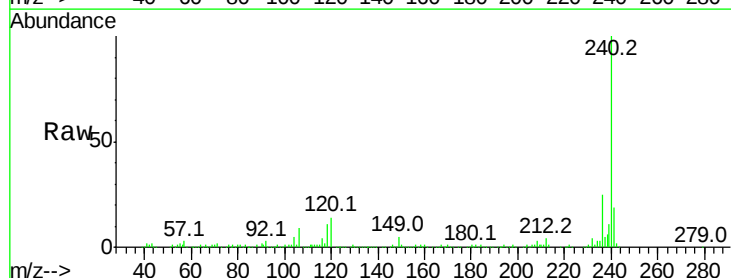
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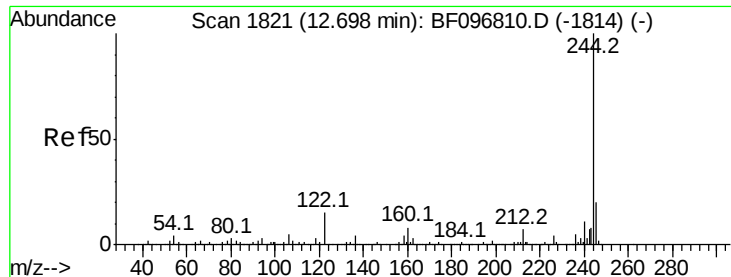
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.73 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	25.3	20.5	30.7





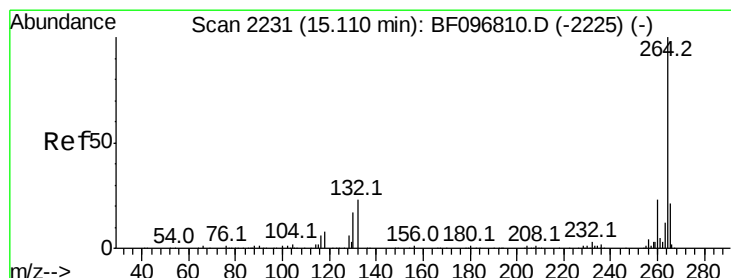
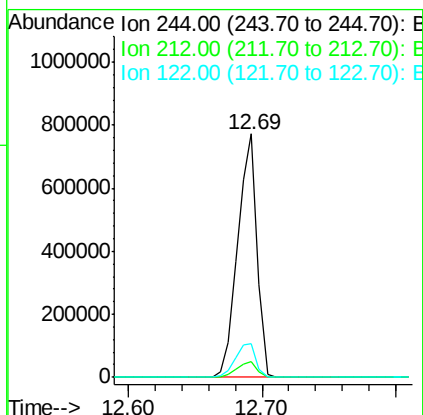
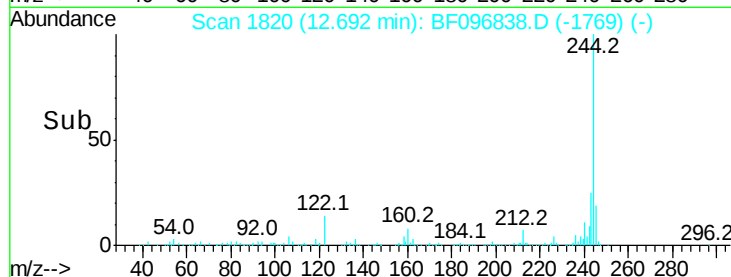
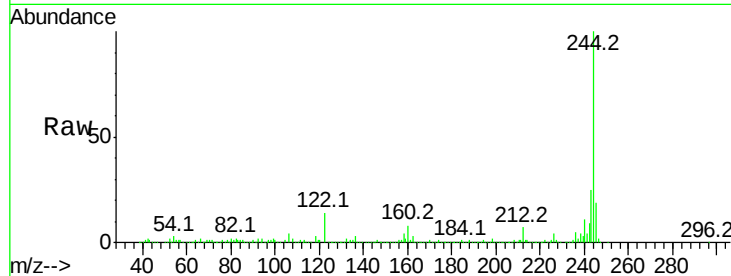
#78
 Terphenyl-d14
 Concen: 53.185 ng
 RT: 12.69 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BF096838.D
 Acq: 18 Jul 2017 10:43

Instrument :
 BNA_F
 ClientSampleID :
 NB-TWP01

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.0	10.3	15.5

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.09 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF096838.D
 Acq: 18 Jul 2017 10:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.5	17.2	25.8

