

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072616\
 Data File : BF089306.D
 Acq On : 26 Jul 2016 11:38
 Operator : UM/SJ
 Sample : H4207-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EW-1

Manual Integrations
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Quant Time: Jul 26 13:36:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	45065	20.00	ng	-0.02
21) Naphthalene-d8	7.84	136	192138	20.00	ng	-0.01
38) Acenaphthene-d10	9.58	164	86258	20.00	ng	-0.02
63) Phenanthrene-d10	11.05	188	166138	20.00	ng	-0.02
75) Chrysene-d12	13.68	240	114223	20.00	ng	-0.01
86) Perylene-d12	15.02	264	80194	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	367383	123.99	ng	-0.01
7) Phenol-d6	6.22	99	525944	137.64	ng	-0.01
23) Nitrobenzene-d5	7.12	82	303264	83.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.38	330	101814	131.10	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	486481	77.71	ng	-0.02
78) Terphenyl-d14	12.64	244	400522	76.06	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	6.99	107	35585	10.12	ng	88
49) Dimethylphthalate	9.32	163	149578	22.60	ng	99

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

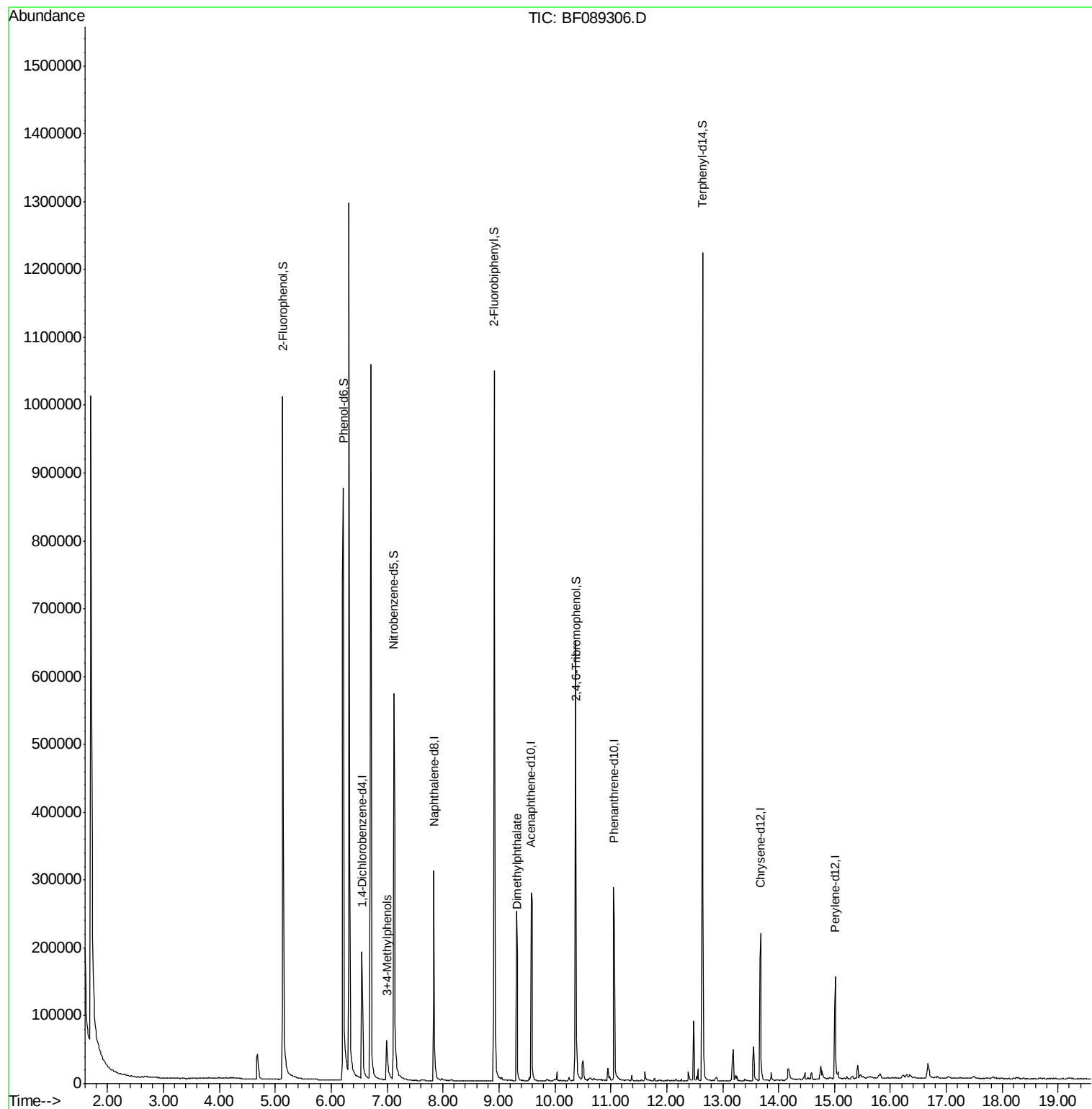
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072616\
Data File : BF089306.D
Acq On : 26 Jul 2016 11:38
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Sample : H4207-08
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ALS Vial : 4 Sample Multiplier: 1

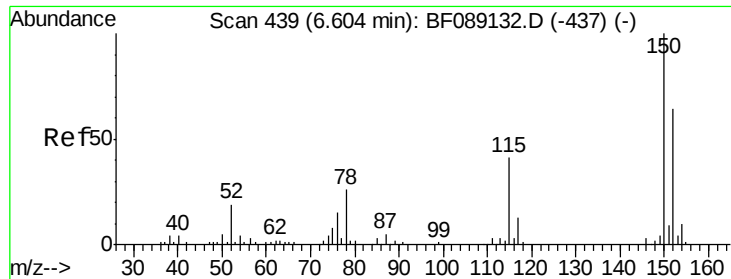
Instrument :
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#1

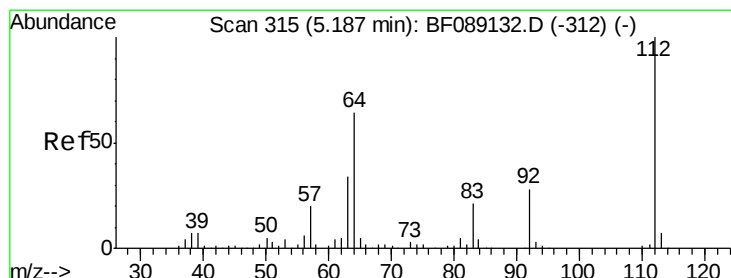
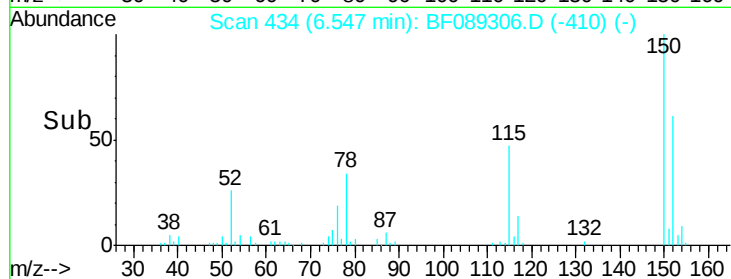
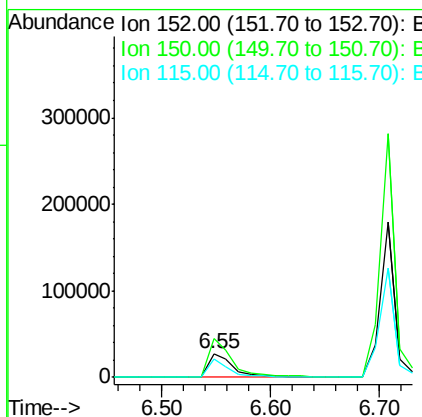
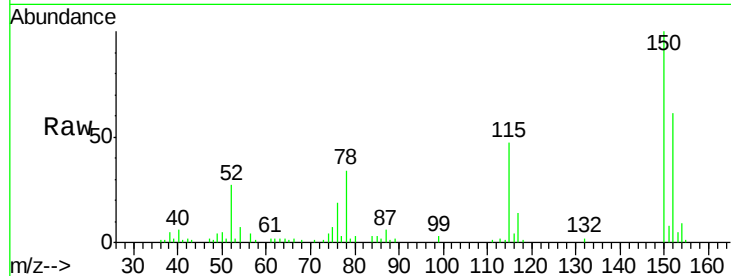
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF089306.D
Acq: 26 Jul 2016 11:38

Instrument :
BNA_F
ClientSampled :
EW-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	125.1	187.7
115	76.2	51.1	76.7

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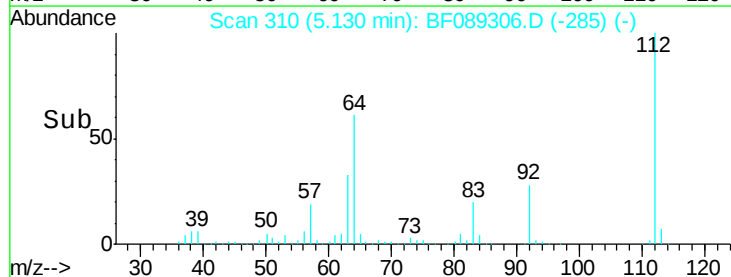
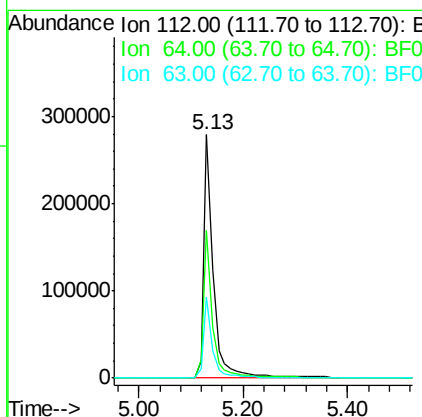
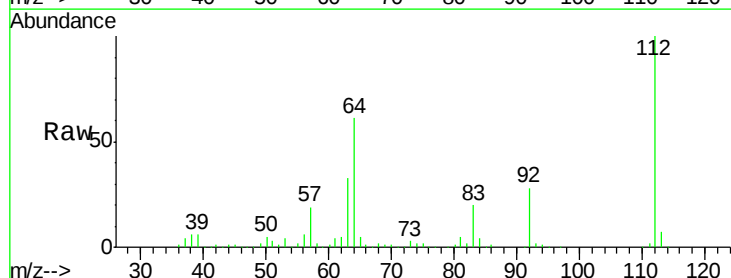
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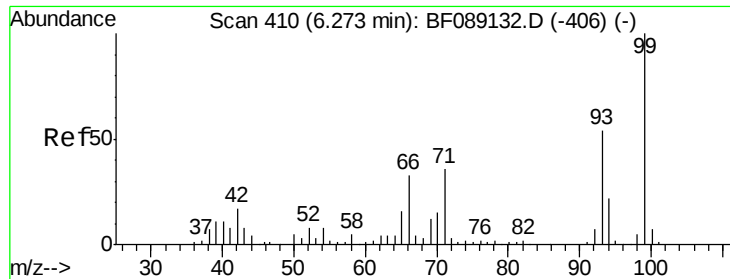


#5

2-Fluorophenol
Concen: 123.99 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.01 min
Lab File: BF089306.D
Acq: 26 Jul 2016 11:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	51.0	76.4
63	33.1	27.3	40.9





#7

Phenol-d6

Concen: 137.64 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089306.D

Acq: 26 Jul 2016 11:38

Instrument :

BNA_F

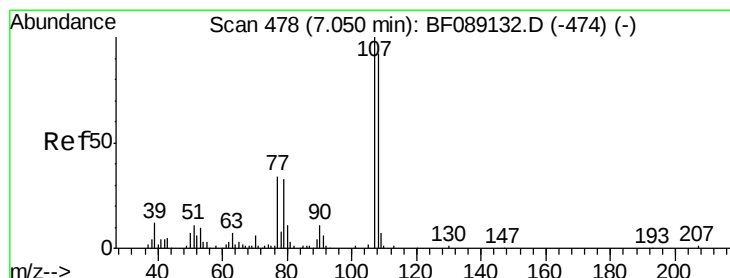
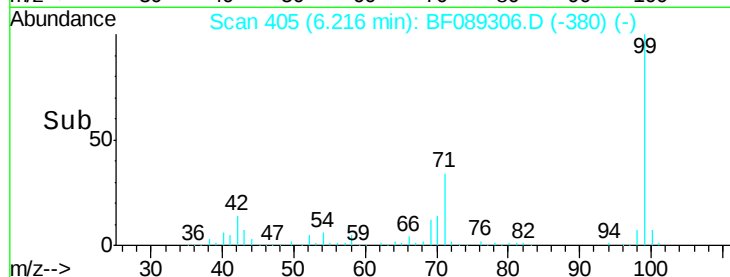
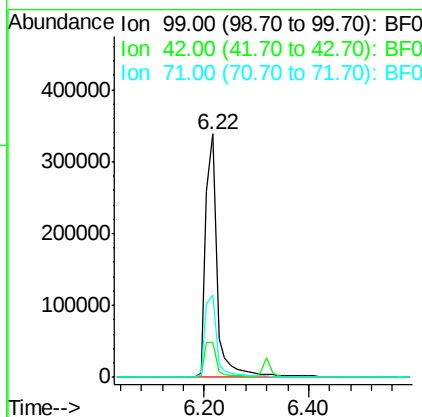
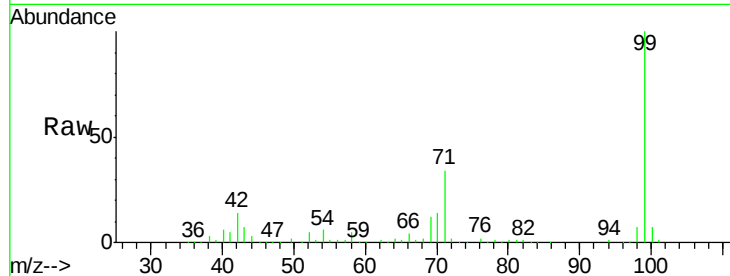
ClientSampled :

EW-1

Tot Ion:	99	Resp:	525944
Ion Ratio	Lower	Upper	
99	100		
42	14.4	13.5	20.3
71	33.7	28.9	43.3

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#20

3+4-Methylphenols

Concen: 10.12 ng

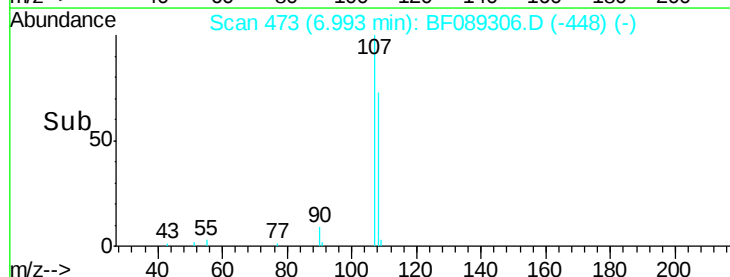
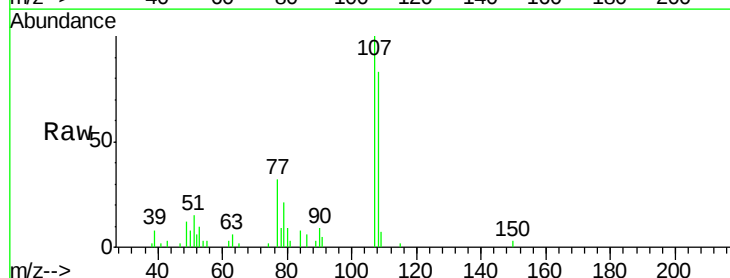
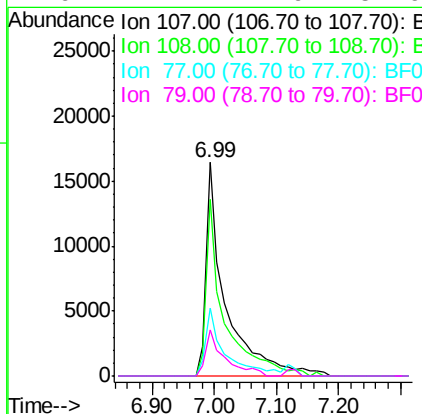
RT: 6.99 min Scan# 473

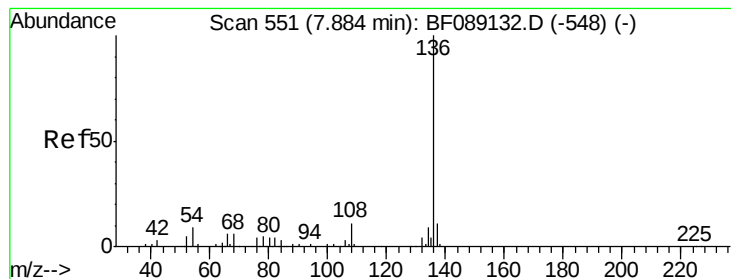
Delta R.T. -0.01 min

Lab File: BF089306.D

Acq: 26 Jul 2016 11:38

Tgt Ion:	107	Resp:	35585
Ion Ratio	Lower	Upper	
107	100		
108	82.5	72.5	112.5
77	31.8	17.7	57.7
79	21.4	12.9	52.9





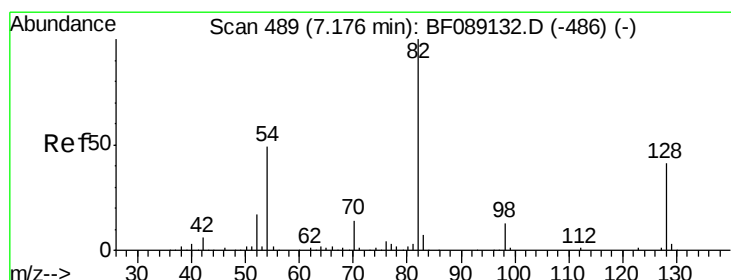
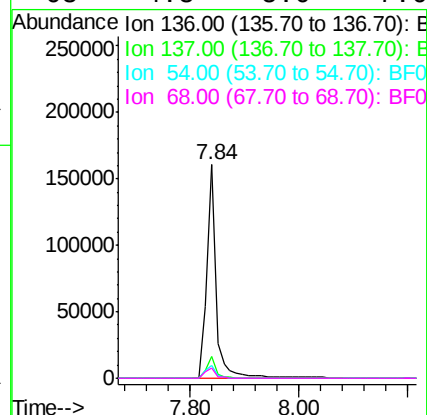
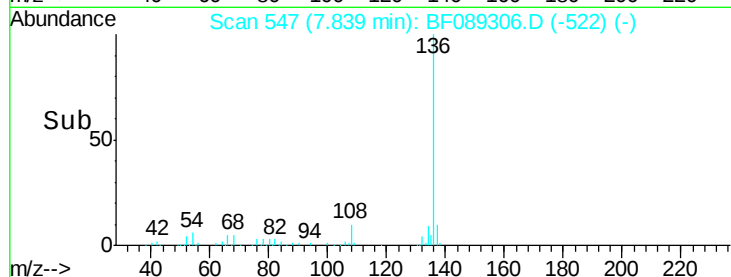
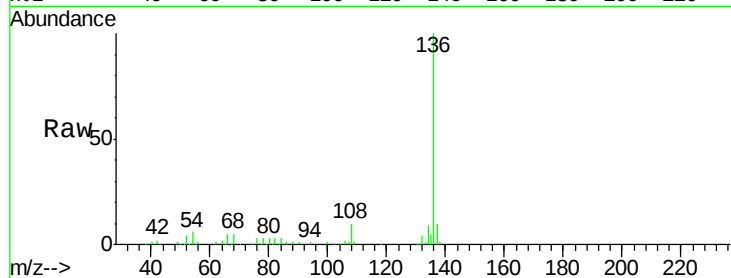
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF089306.D
Acq: 26 Jul 2016 11:38

Instrument :
BNA_F
ClientSampled :
EW-1

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.4	8.8	13.2
54	6.0	7.0	10.4
68	4.8	5.0	7.6

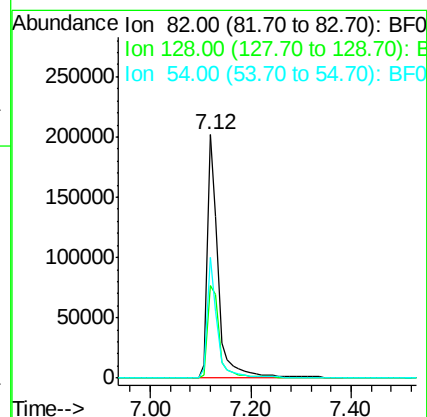
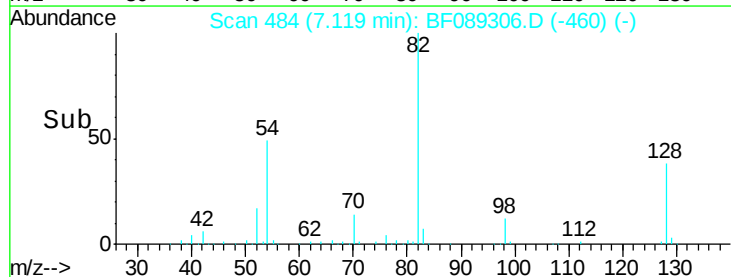
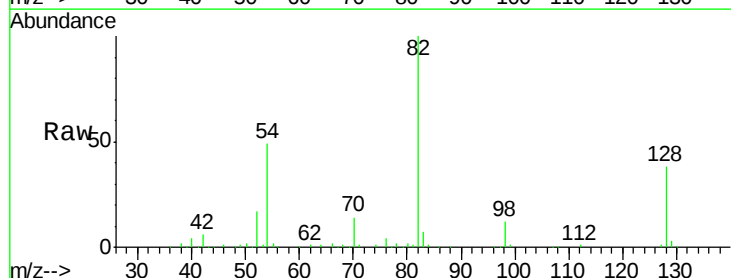
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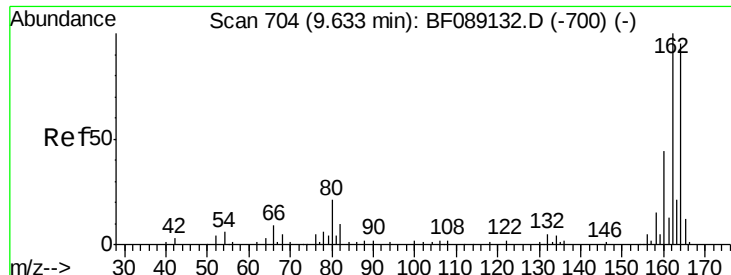
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#23
Nitrobenzene-d5
Concen: 83.86 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF089306.D
Acq: 26 Jul 2016 11:38

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	38.1	33.0	49.6
54	49.4	39.0	58.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF089306.D

Acq: 26 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

EW-1

Tot Ion:164 Resp: 86258

Ion Ratio Lower Upper

164 100

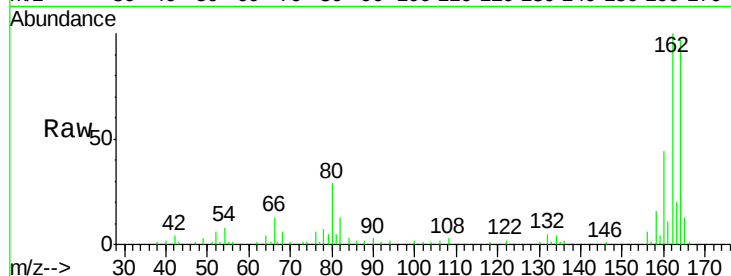
162 102.7 84.1 126.1

160 45.3 37.1 55.7

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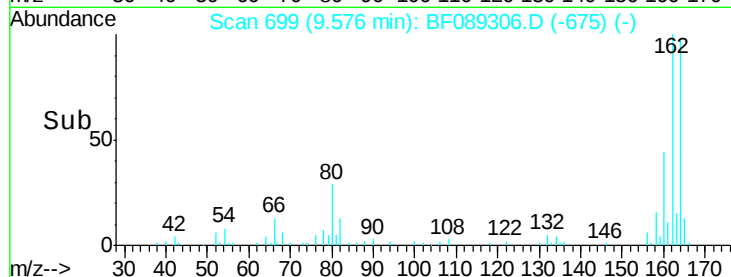
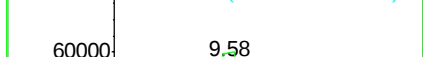
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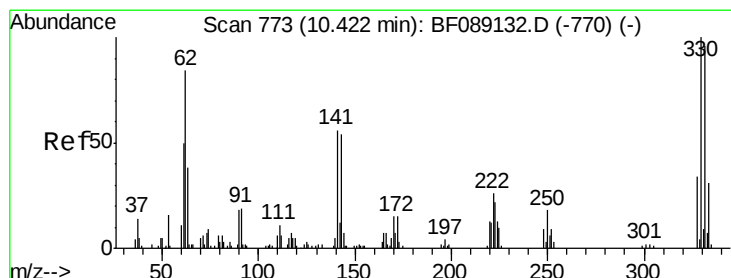
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 131.10 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF089306.D

Acq: 26 Jul 2016 11:38

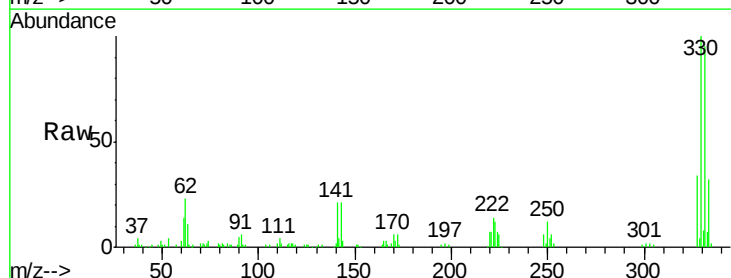
Tgt Ion:330 Resp: 101814

Ion Ratio Lower Upper

330 100

332 94.7 77.2 115.8

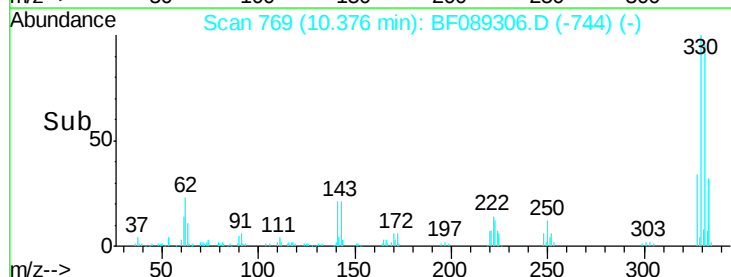
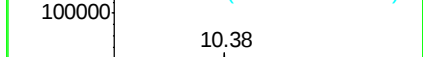
141 43.1 42.2 63.2



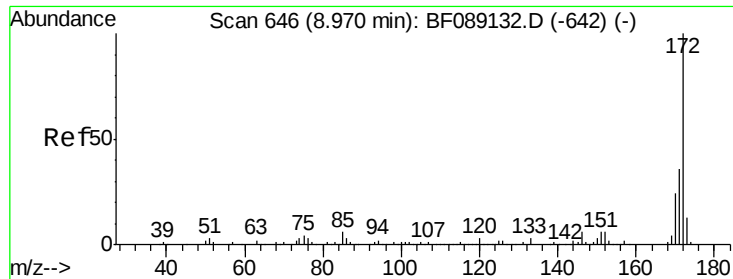
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



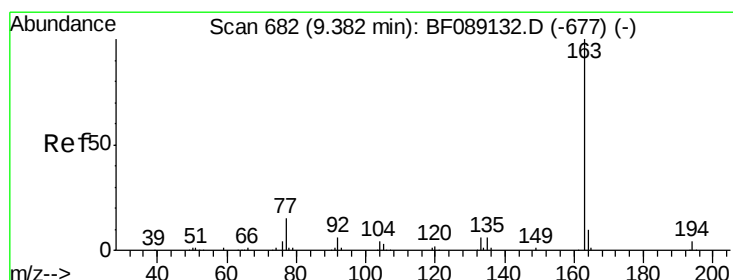
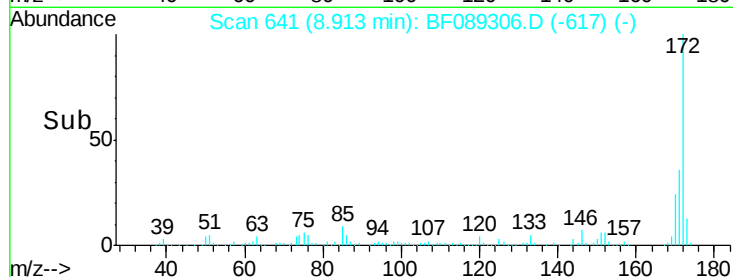
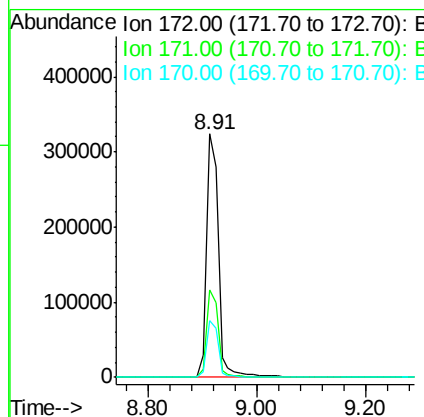
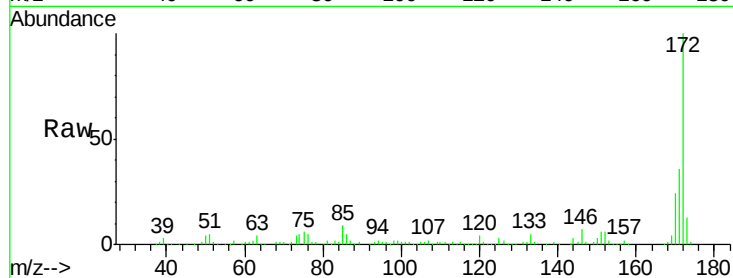
#44
2-Fluorobiphenyl
Concen: 77.71 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF089306.D
Acq: 26 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :
EW-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	23.5	19.1	28.7

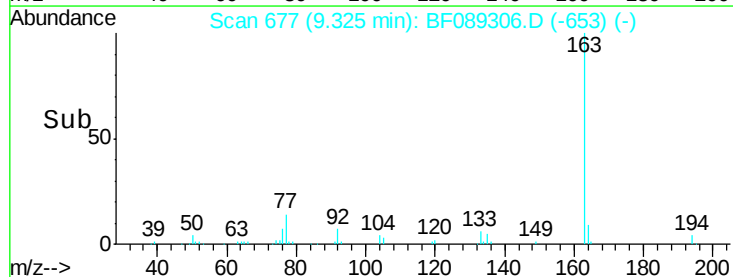
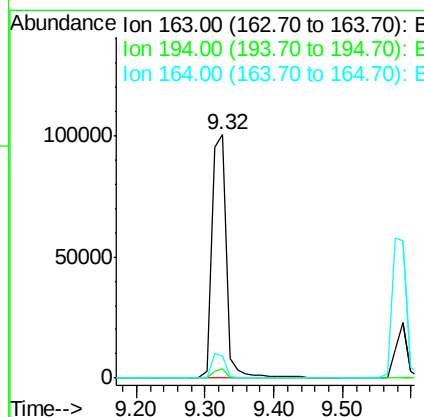
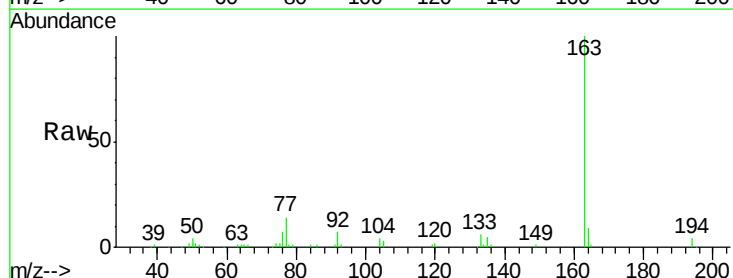
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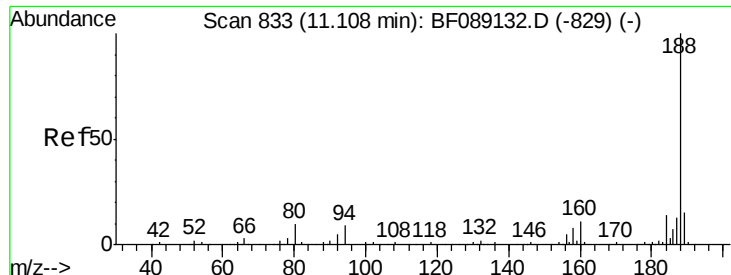
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#49
Dimethylphthalate
Concen: 22.60 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF089306.D
Acq: 26 Jul 2016 11:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.9	4.3
164	9.3	7.6	11.4





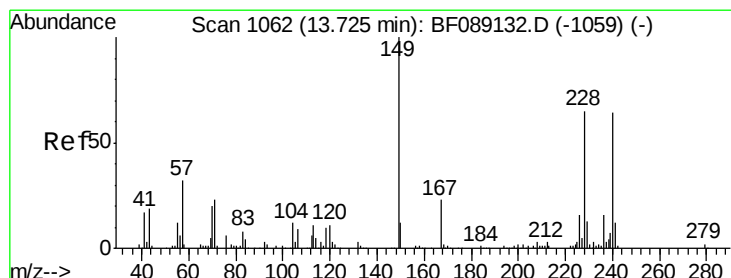
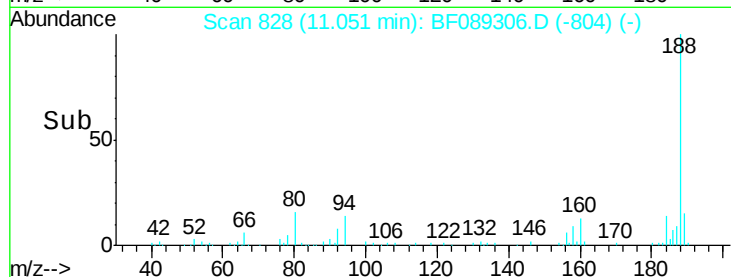
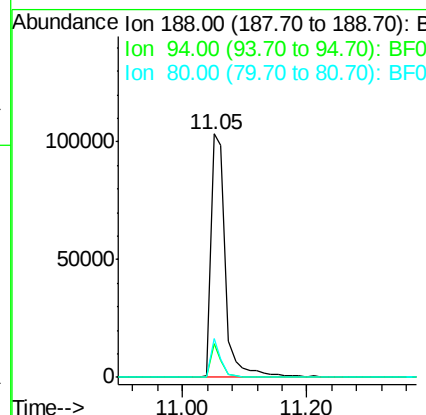
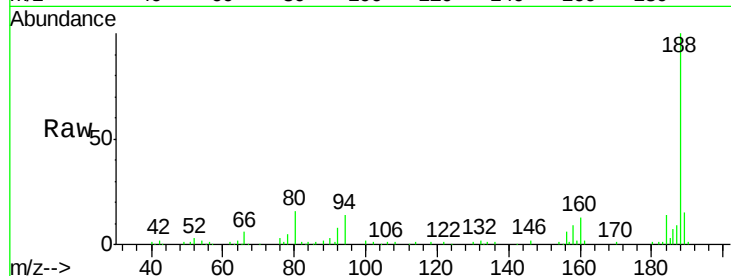
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF089306.D
Acq: 26 Jul 2016 11:38

Instrument :
BNA_F
ClientSampled :
EW-1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	13.8	7.0	10.4#
80	16.1	7.7	11.5#

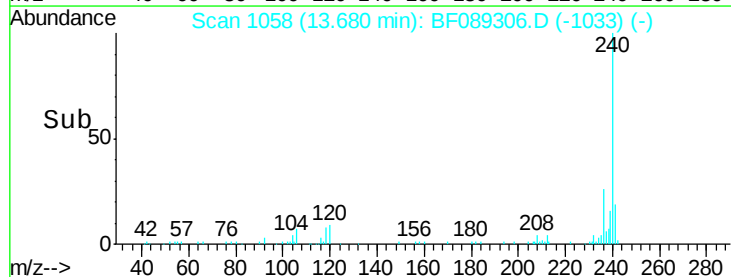
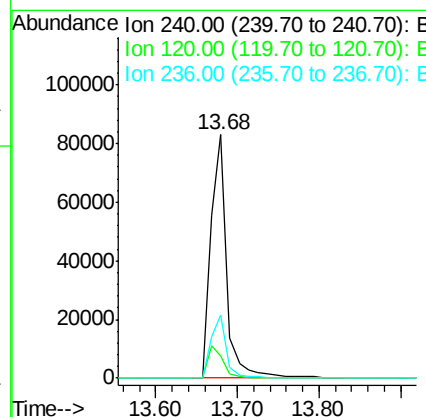
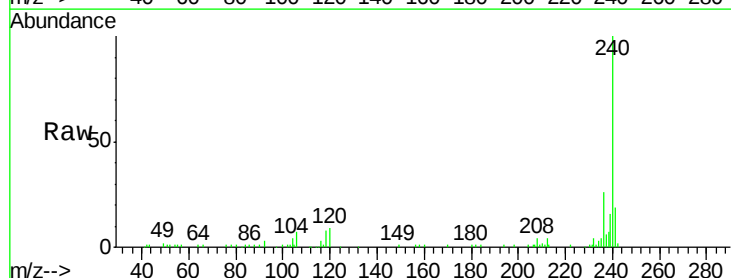
Manual Integrations
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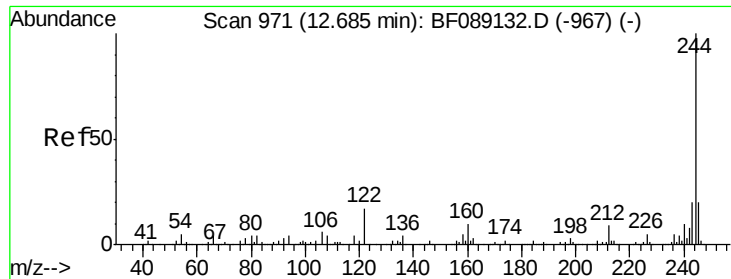
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF089306.D
Acq: 26 Jul 2016 11:38

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.1	13.6	20.4#
236	25.8	20.5	30.7





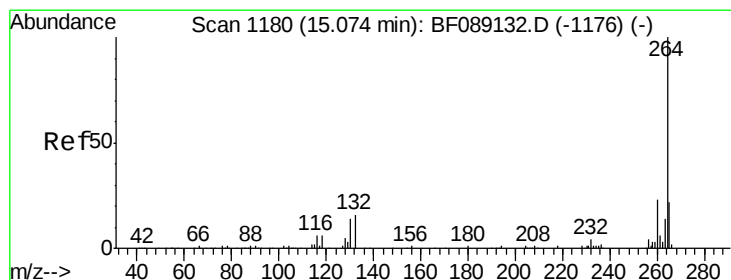
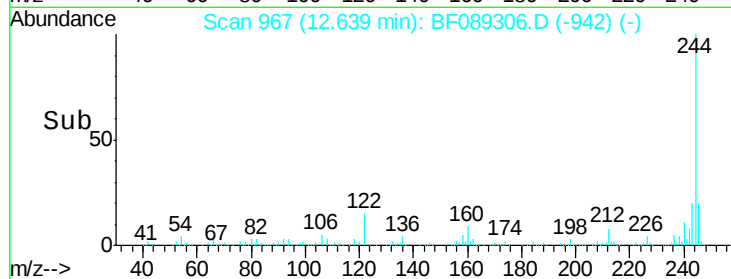
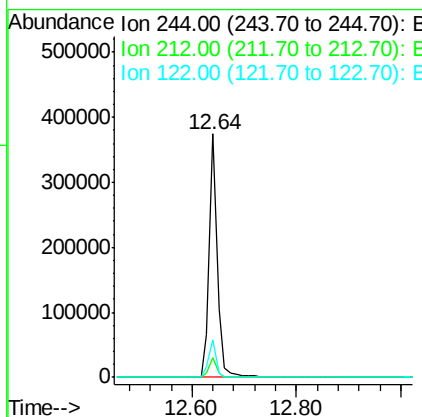
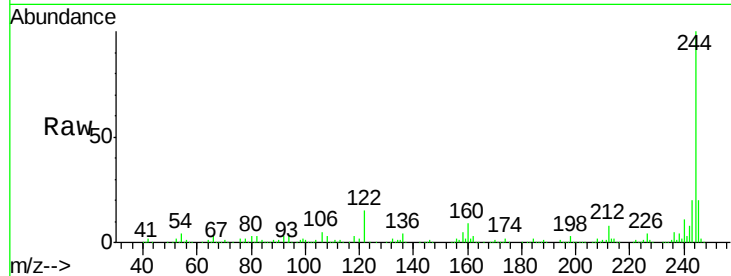
#78
 Terphenyl-d14
 Concen: 76.06 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF089306.D
 Acq: 26 Jul 2016 11:38

Instrument :
 BNA_F
 ClientSampled :
 EW-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.4
122	15.5	13.8	20.8

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF089306.D
 Acq: 26 Jul 2016 11:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	21.2	17.3	25.9

