

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097108.D
 Acq On : 27 Jul 2017 6:44
 Operator : SJ/JU
 Sample : I4399-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-BASE

Manual Integrations
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Quant Time: Jul 27 09:55:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	102525	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	360924	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	136592	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	197533	20.00	ng	0.00
75) Chrysene-d12	13.63	240	187668	20.00	ng	0.00
86) Perylene-d12	14.98	264	145154	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	329613	48.47	ng	0.00
7) Phenol-d6	6.15	99	377434	48.61	ng	-0.02
23) Nitrobenzene-d5	7.06	82	190293	30.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.32	330	137285	127.21	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	341743	42.46	ng	-0.01
78) Terphenyl-d14	12.59	244	605773	65.81	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.26	163	31653	3.052	ng	98
74) Fluoranthene	12.20	202	24954	2.407	ng	95

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

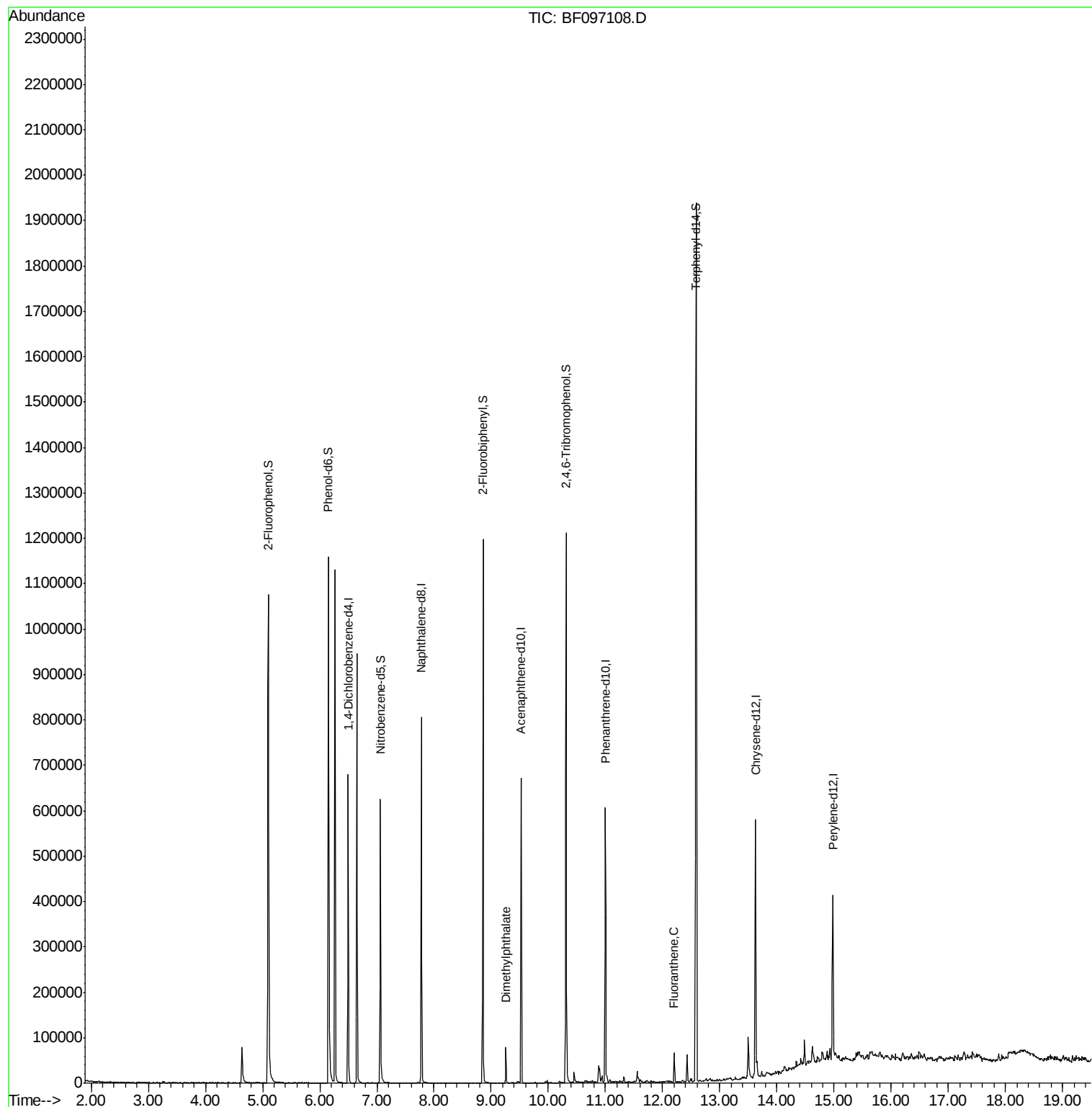
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097108.D
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Sample : I4399-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

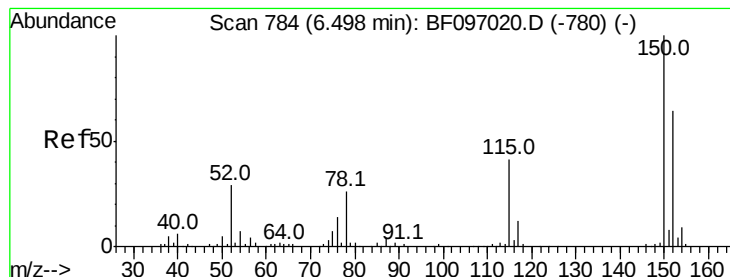
Instrument :
BNA_F
ClientSampleId :
E2-HS4-BASE

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Response via : Initial Calibration





#1

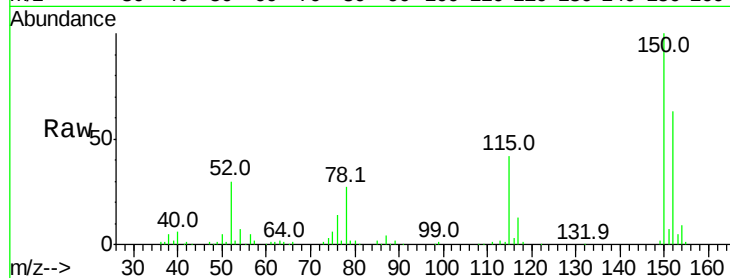
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097108.D
Acq: 27 Jul 2017 6:44

Instrument :
BNA_F
ClientSampleId :
E2-HS4-BASE

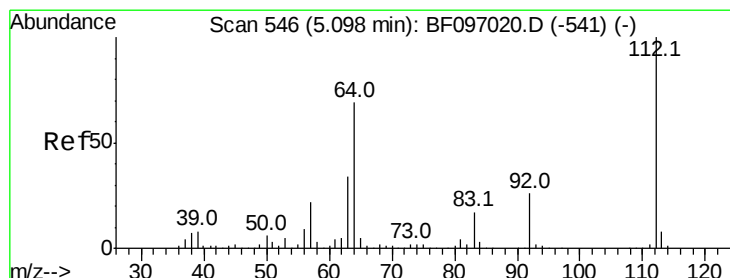
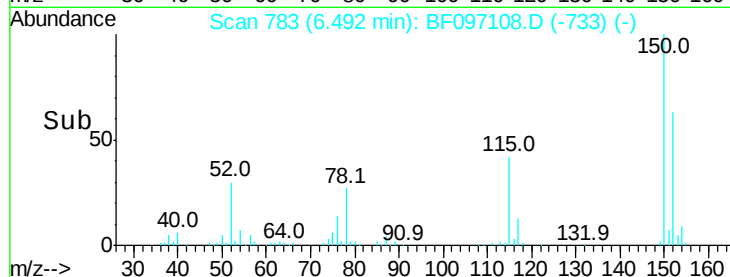
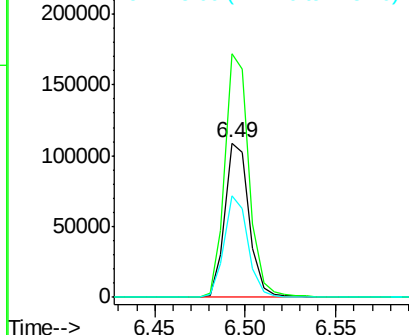
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	65.7	52.2	78.2

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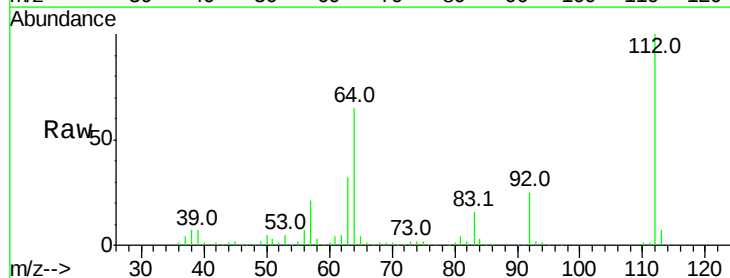
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



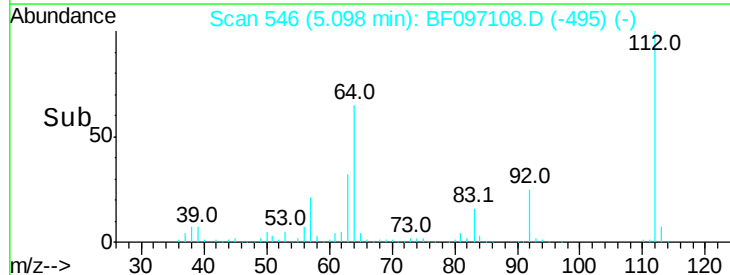
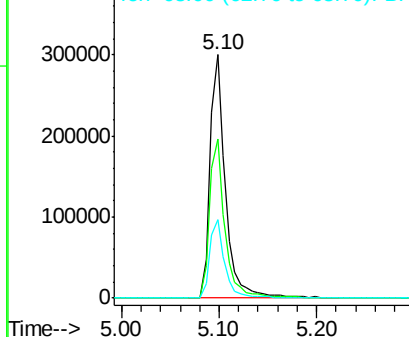
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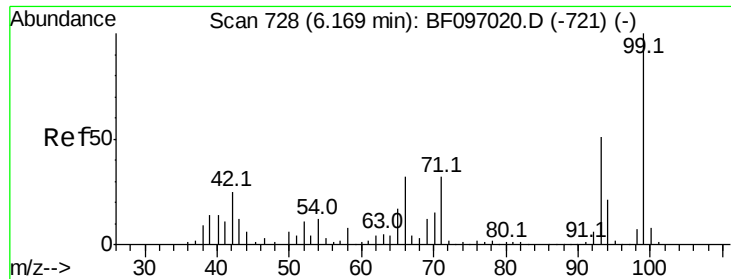
2-Fluorophenol
Concen: 48.465 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097108.D
Acq: 27 Jul 2017 6:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	46.0	69.0
63	32.1	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.612 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097108.D

Acq: 27 Jul 2017 6:44

Instrument :

BNA_F

ClientSampled :

E2-HS4-BASE

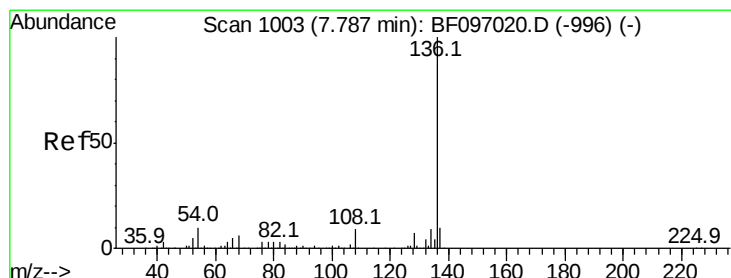
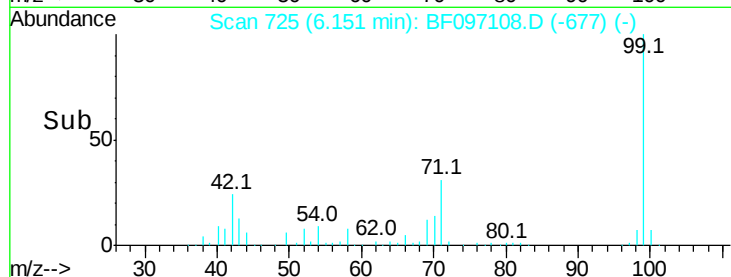
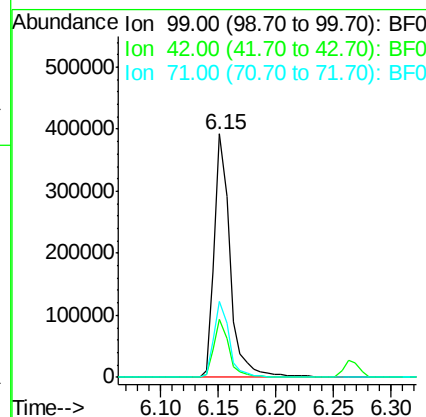
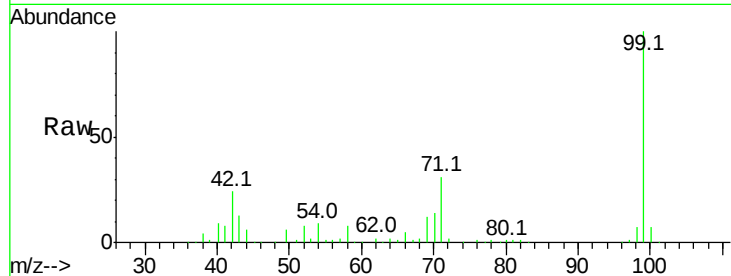
Tot Ion: 99 Resp: 377434

Ion	Ratio	Lower	Upper
99	100		
42	23.6	13.5	20.3#
71	31.1	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

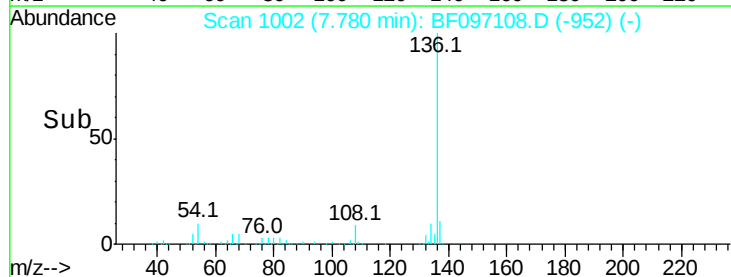
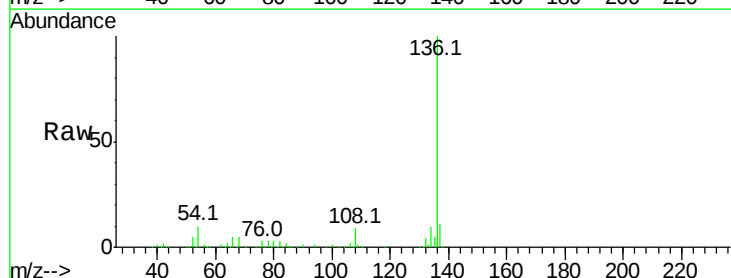
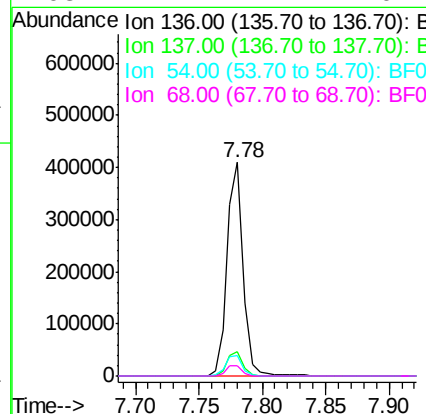
Delta R.T. -0.01 min

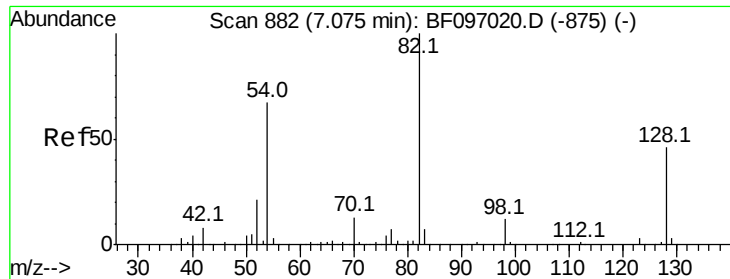
Lab File: BF097108.D

Acq: 27 Jul 2017 6:44

Tgt Ion: 136 Resp: 360924

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	9.7	4.9	7.3#
68	4.7	4.1	6.1





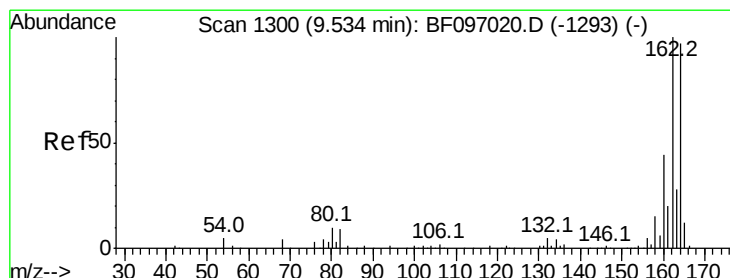
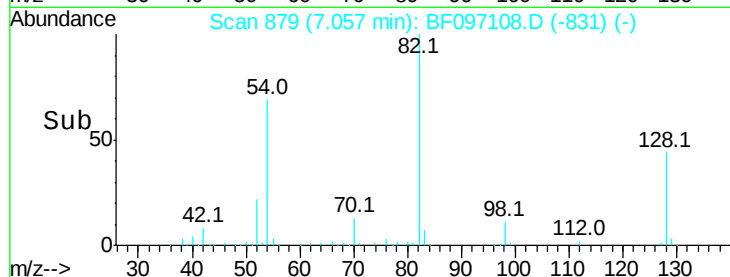
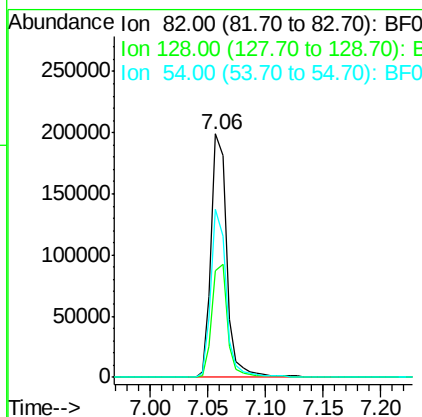
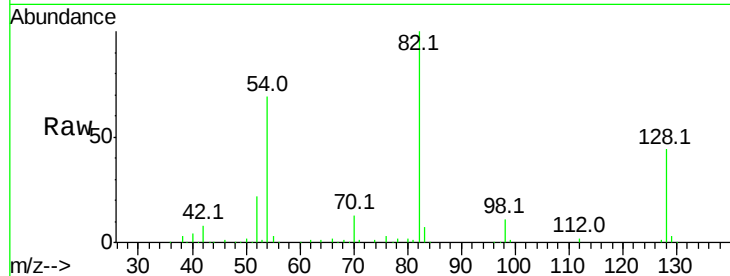
#23
 Nitrobenzene-d5
 Concen: 30.930 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF097108.D
 Acq: 27 Jul 2017 6:44

Instrument :
 BNA_F
 ClientSampled :
 E2-HS4-BASE

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.0	51.0
54	69.0	42.2	63.2#

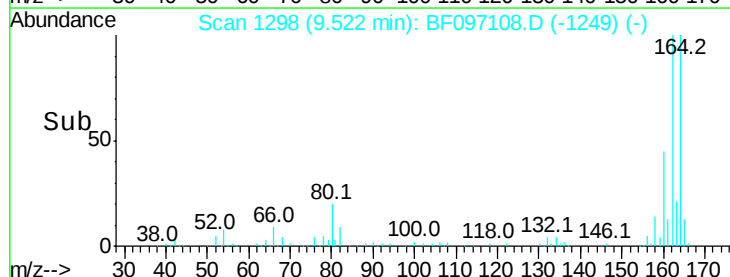
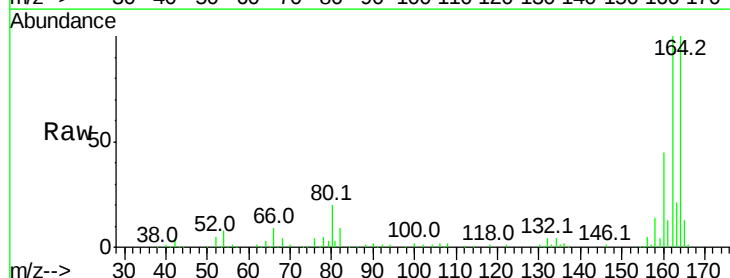
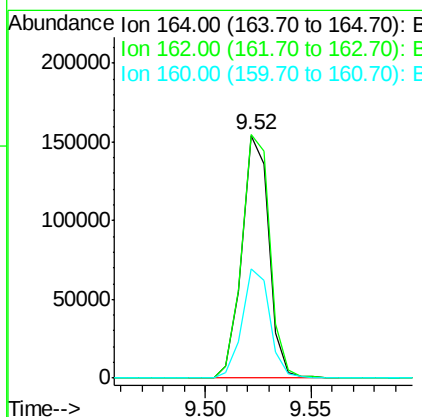
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF097108.D
 Acq: 27 Jul 2017 6:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.6	123.8
160	45.0	36.2	54.2





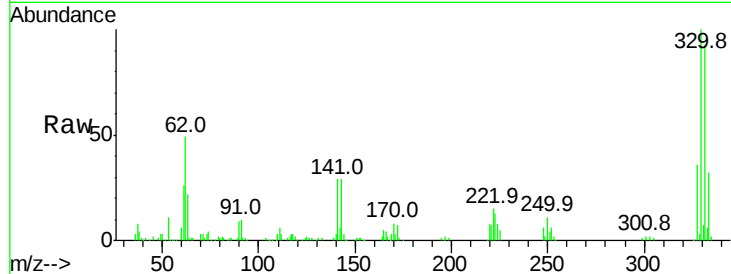
#41
 2,4,6-Tribromophenol
 Concen: 127.209 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097108.D
 Acq: 27 Jul 2017 6:44

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-BASE

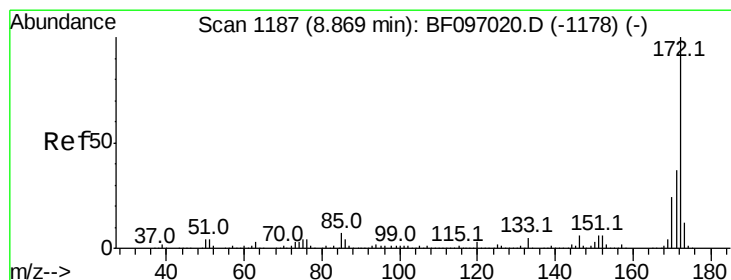
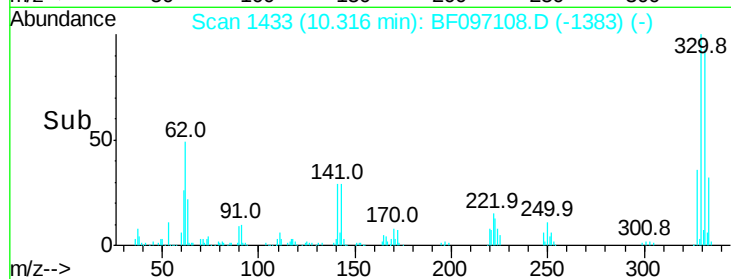
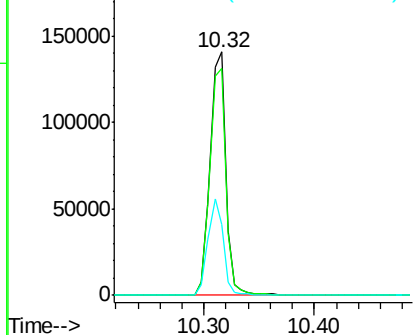
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	76.6	115.0	
141	37.9	31.4	47.2	

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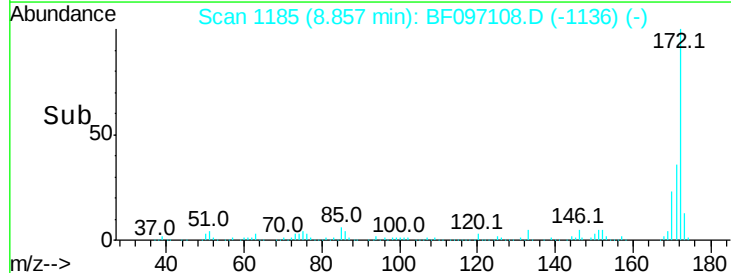
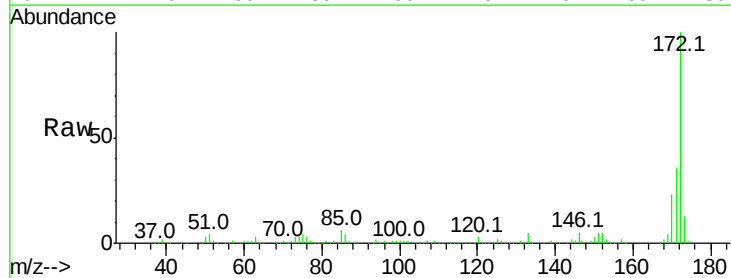
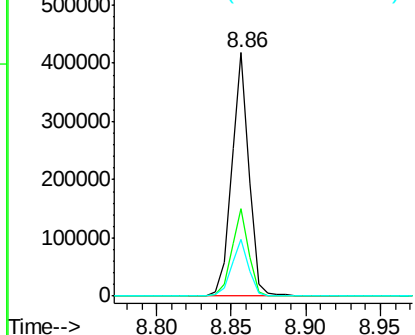
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

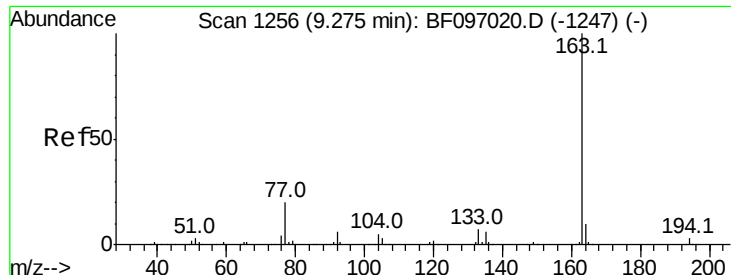


#44
 2-Fluorobiphenyl
 Concen: 42.460 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF097108.D
 Acq: 27 Jul 2017 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	29.6	44.4	
170	23.2	19.8	29.8	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





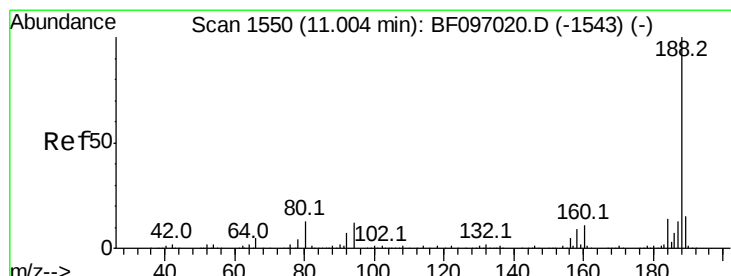
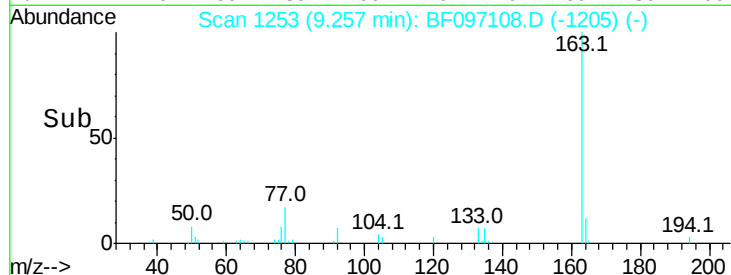
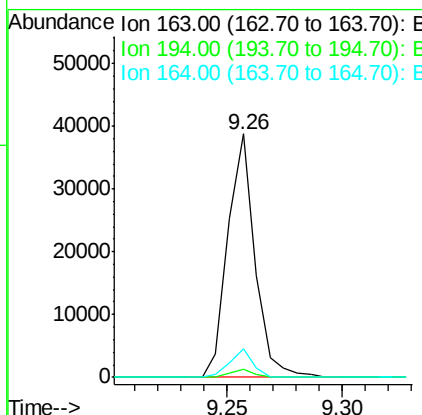
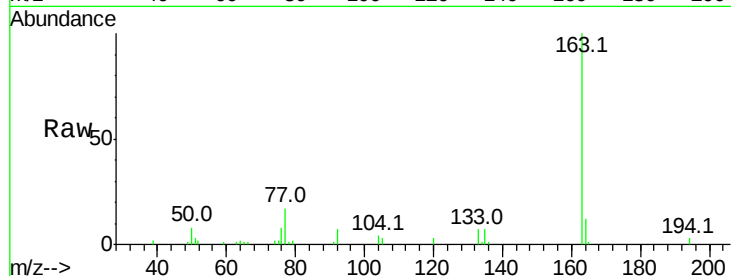
#49
Dimethylphthalate
Concen: 3.052 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097108.D
Acq: 27 Jul 2017 6:44

Instrument :
BNA_F
ClientSampleId :
E2-HS4-BASE

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	2.6	4.0	
164	11.5	8.4	12.6	

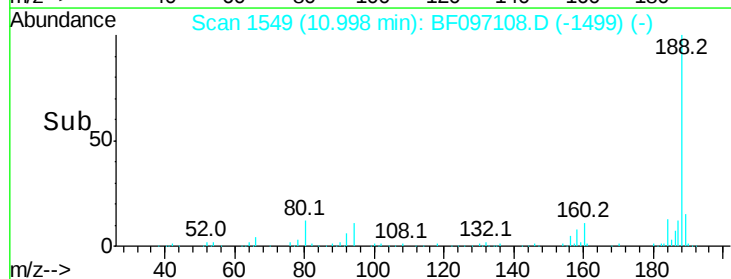
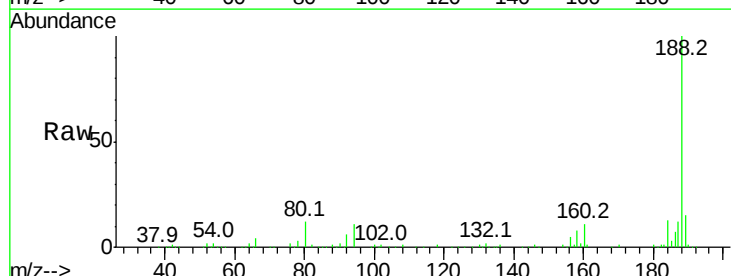
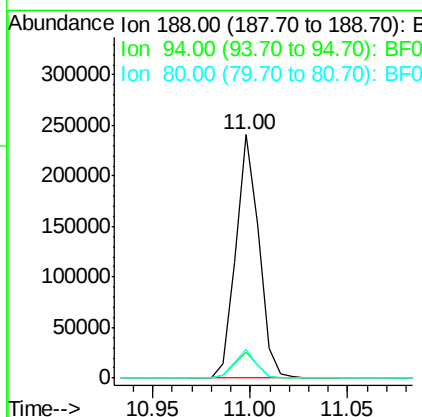
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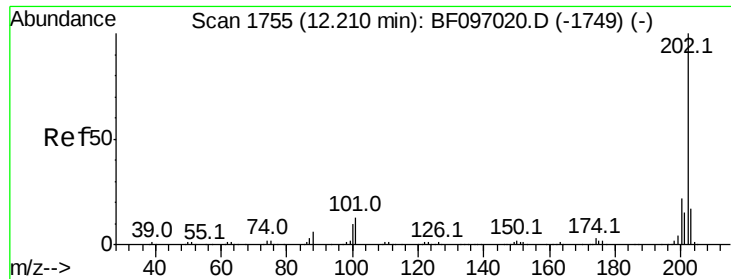
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097108.D
Acq: 27 Jul 2017 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.8	9.4	14.2	
80	11.5	10.2	15.2	





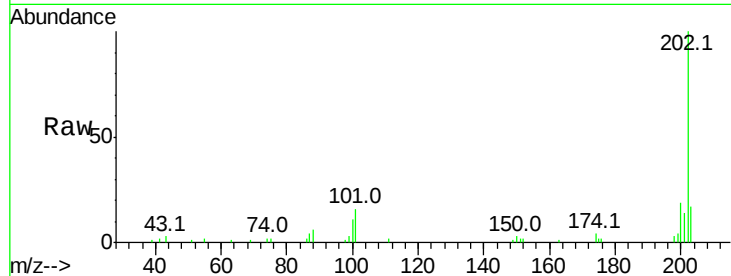
#74
Fluoranthene
 Concen: 2.407 ng
 RT: 12.20 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF097108.D
 Acq: 27 Jul 2017 6:44

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-BASE

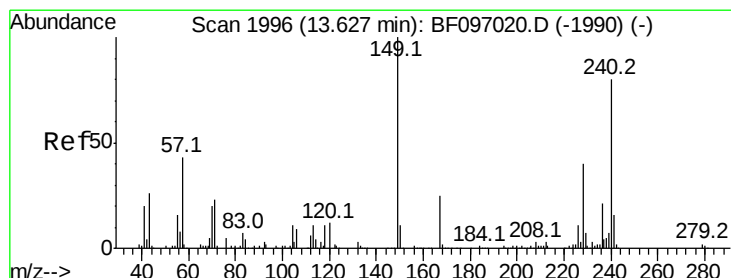
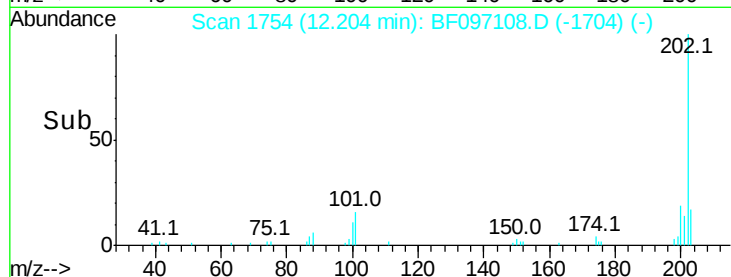
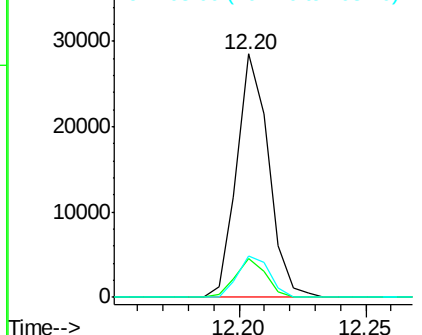
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.9	0.0	33.2
203	16.8	0.0	38.1

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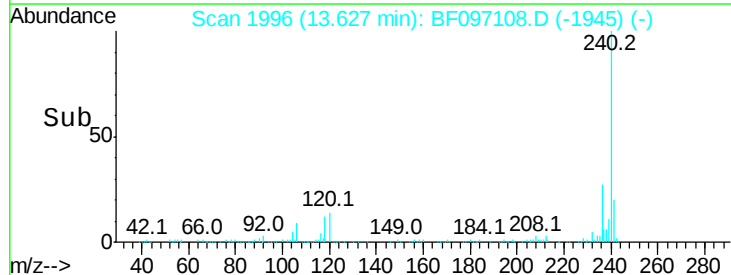
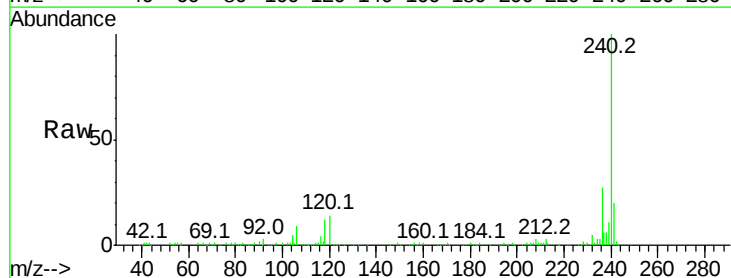
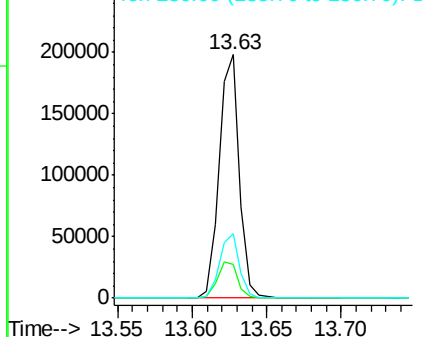
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

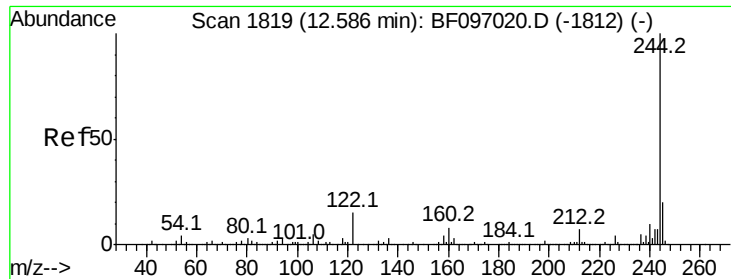


#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.63 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF097108.D
 Acq: 27 Jul 2017 6:44

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	26.5	20.5	30.7

Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





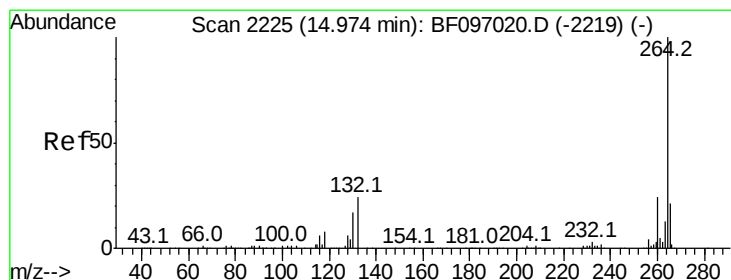
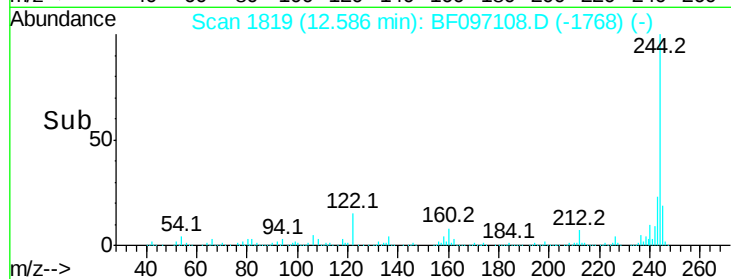
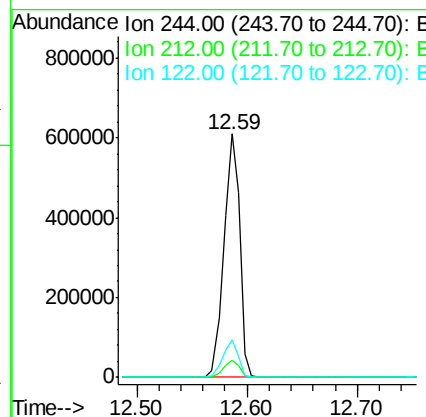
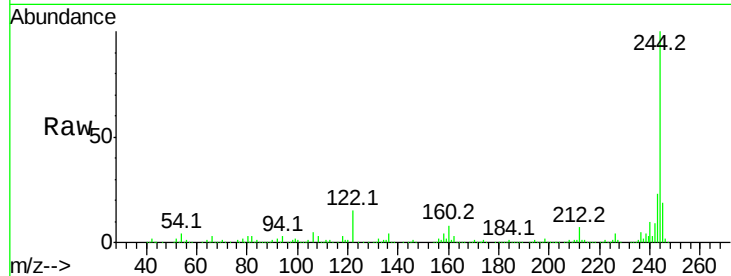
#78
 Terphenyl-d14
 Concen: 65.812 ng
 RT: 12.59 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BF097108.D
 Acq: 27 Jul 2017 6:44

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-BASE

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	15.5	10.3	15.5

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.98 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF097108.D
 Acq: 27 Jul 2017 6:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.7	17.2	25.8

