

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100075.D
 Acq On : 2 Nov 2017 5:41
 Operator : SJ/JU
 Sample : I6226-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-1-CONCRETE

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Quant Time: Nov 02 16:10:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 02 14:34:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	83485	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	342639	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	153178	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	248406	20.00	ng	0.00
75) Chrysene-d12	14.22	240	156917	20.00	ng	-0.11
86) Perylene-d12	15.99	264	139361	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	780533	146.78	ng	0.03
7) Phenol-d6	6.43	99	863885	137.01	ng	0.00
23) Nitrobenzene-d5	7.35	82	580657	109.10	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	224704	160.97	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1236131	124.51	ng	0.00
78) Terphenyl-d14	12.97	244	868317	120.93	ng	-0.05
Target Compounds						
76) Benzidine	12.72	184	19377	2.822	ng	Qvalue 97

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

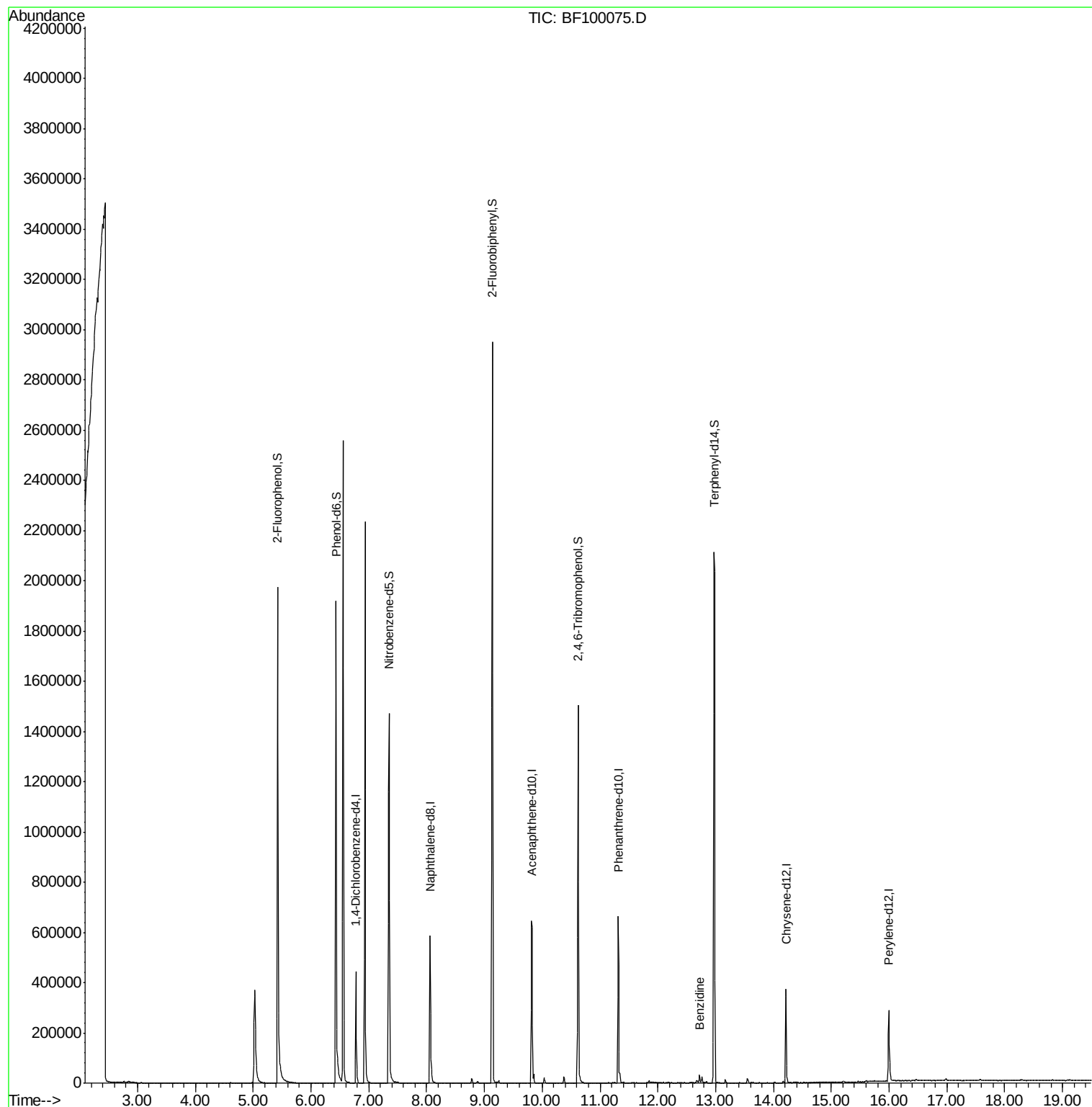
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100075.D
Acq On : 2 Nov 2017 5:41
Operator : SJ/JU
Sample : I6226-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

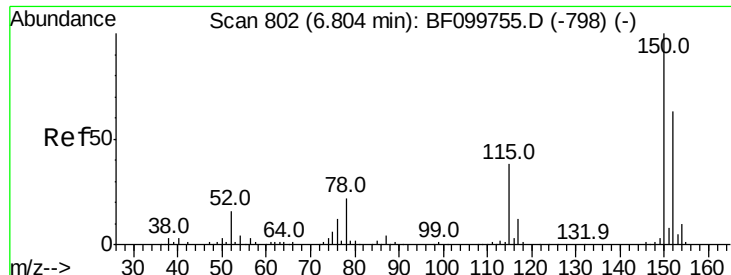
Instrument :
BNA_F
ClientSampleId :
T-1-CONCRETE

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Quant Time: Nov 02 16:10:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

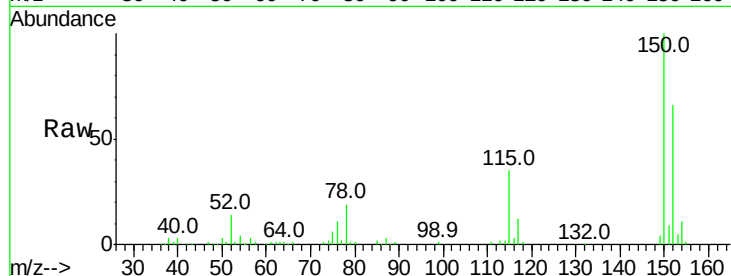
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF100075.D
Acq: 2 Nov 2017 5:41

Instrument :
BNA_F
ClientSampleId :
T-1-CONCRETE

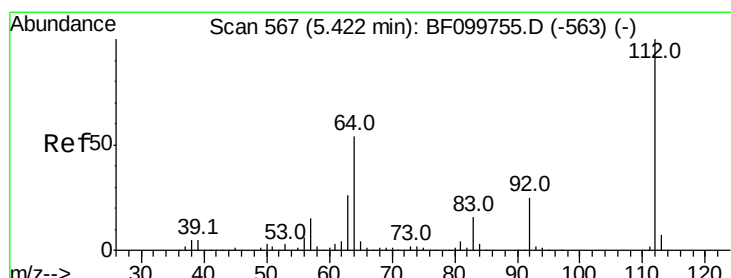
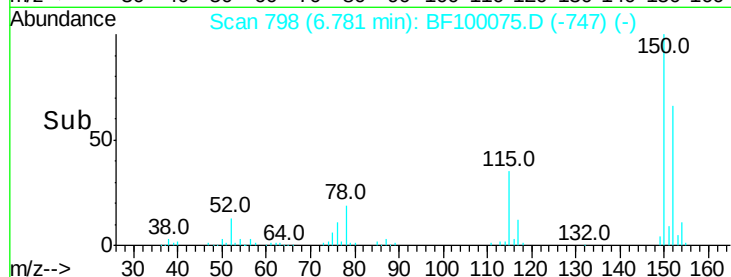
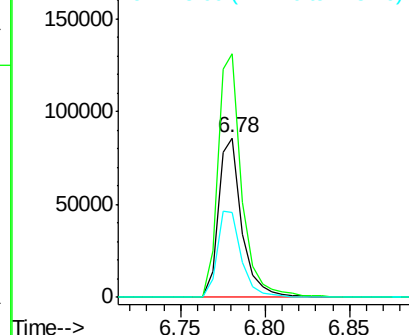
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.6	186.8
115	53.2	50.1	75.1

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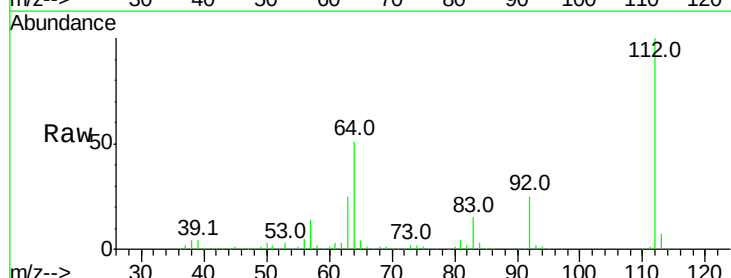
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



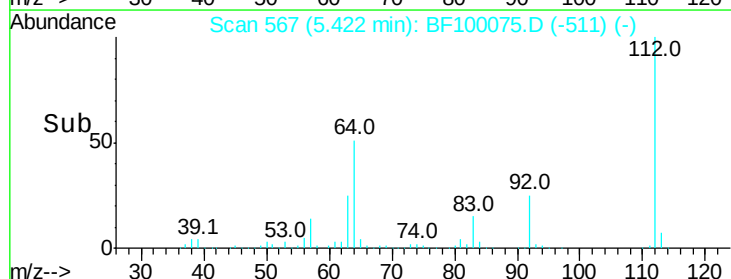
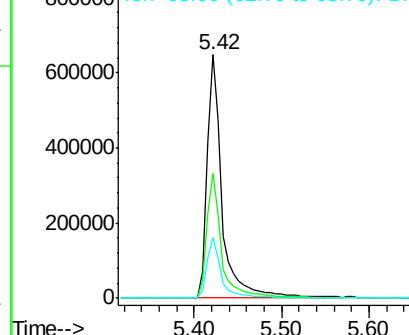
#5

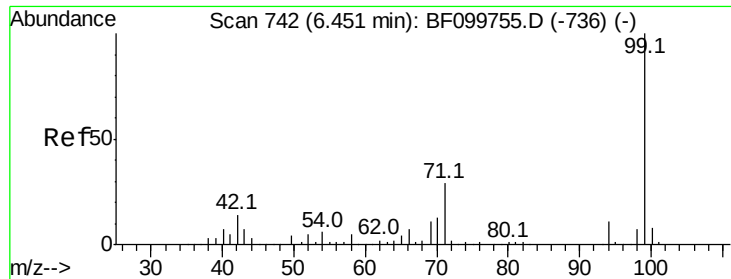
2-Fluorophenol
Concen: 146.782 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.03 min
Lab File: BF100075.D
Acq: 2 Nov 2017 5:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.1	47.9	71.9
63	24.6	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 137.011 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF100075.D

Acq: 2 Nov 2017 5:41

Instrument :

BNA_F

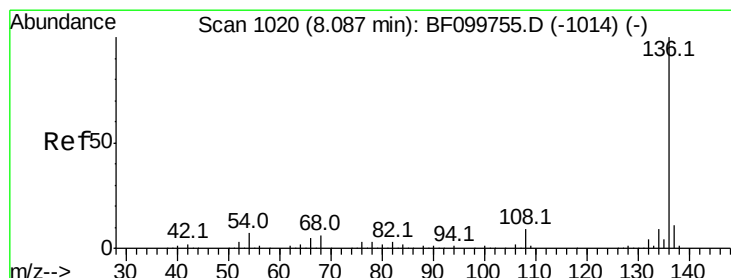
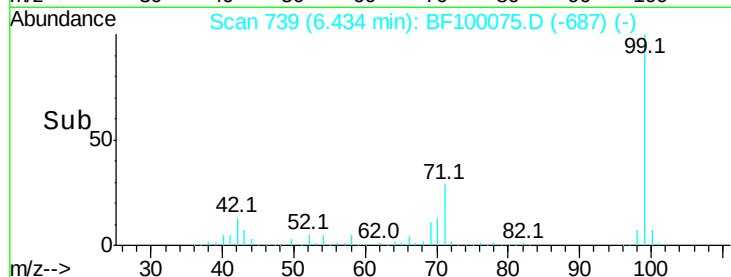
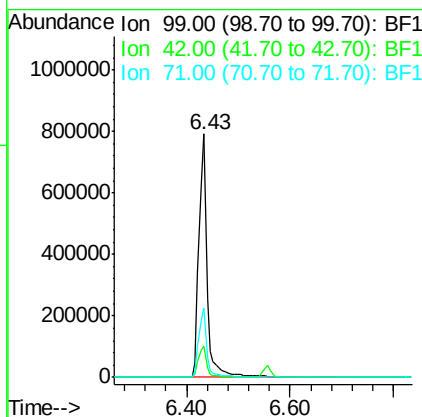
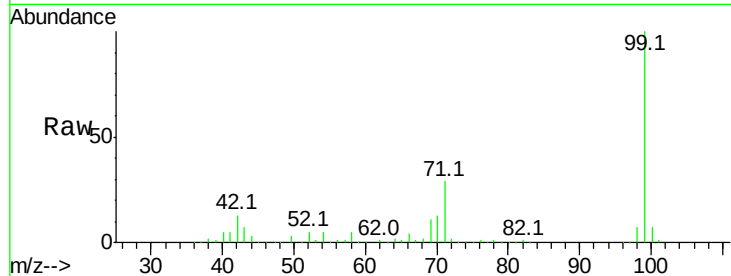
ClientSampled :

T-1-CONCRETE

Tot Ion:	99	Resp:	863885
Ion Ratio	Lower	Upper	
99	100		
42	12.8	14.5	21.7#
71	28.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

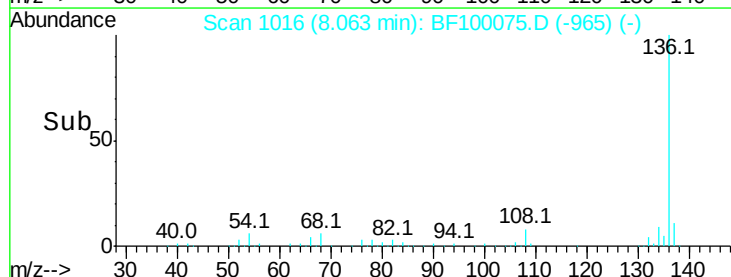
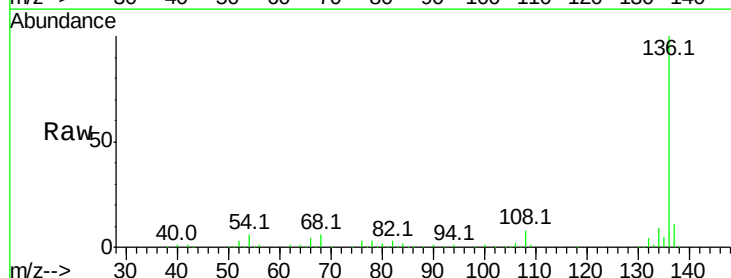
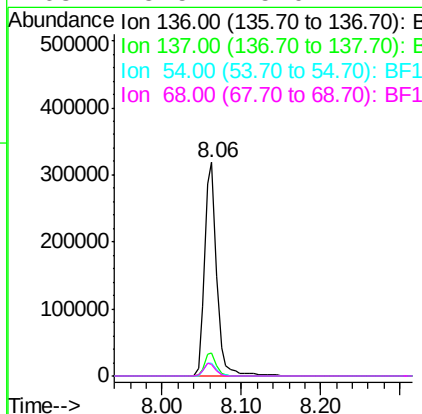
RT: 8.06 min Scan# 1016

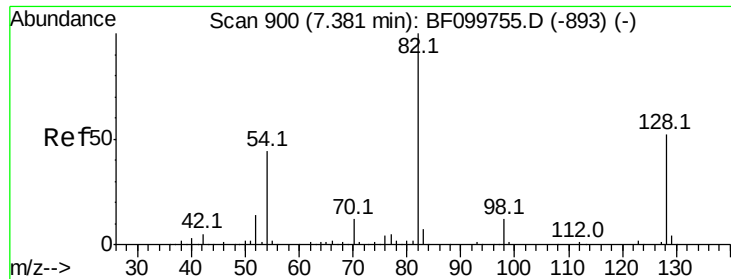
Delta R.T. 0.00 min

Lab File: BF100075.D

Acq: 2 Nov 2017 5:41

Tgt Ion:	136	Resp:	342639
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	6.1	6.6	9.8#
68	5.5	5.0	7.4





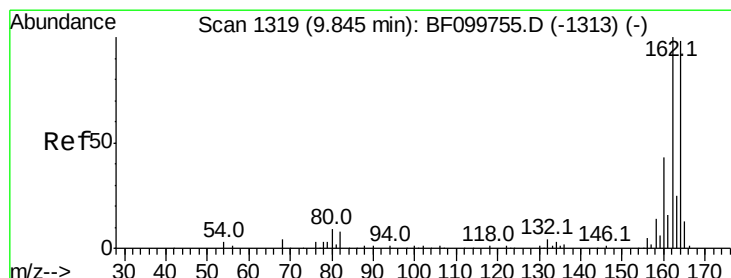
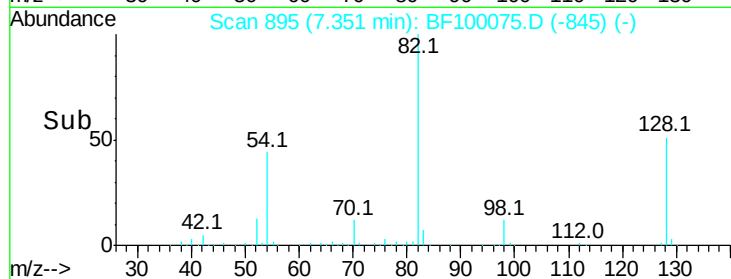
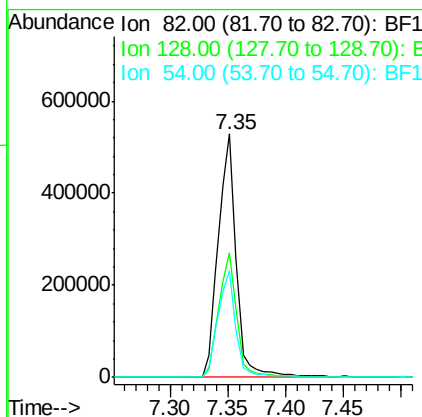
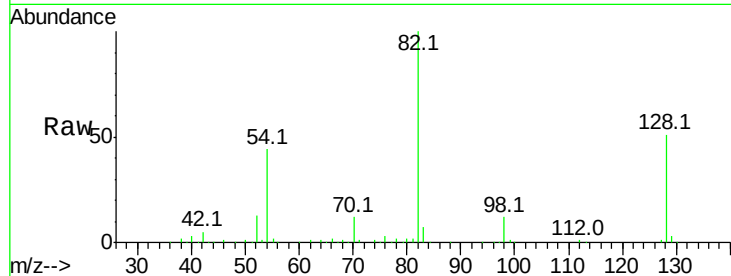
#23
 Nitrobenzene-d5
 Concen: 109.103 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF100075.D
 Acq: 2 Nov 2017 5:41

Instrument :
 BNA_F
 ClientSampleId :
 T-1-CONCRETE

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.4	36.1	54.1
54	43.6	41.4	62.2

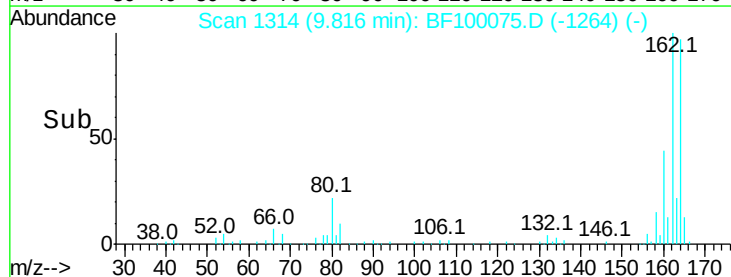
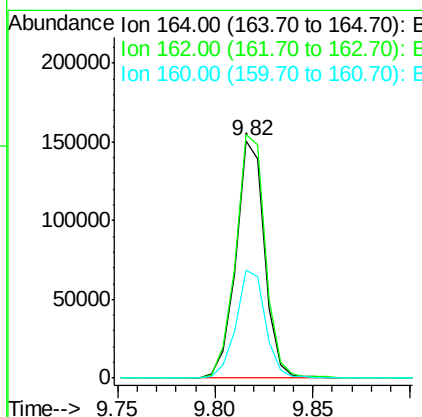
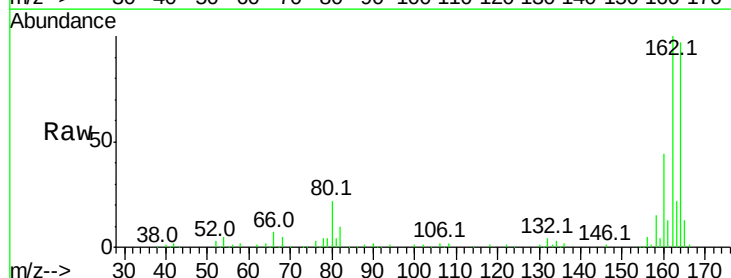
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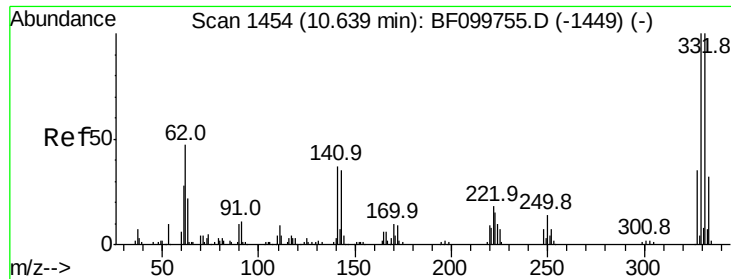
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF100075.D
 Acq: 2 Nov 2017 5:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	45.2	38.3	57.5





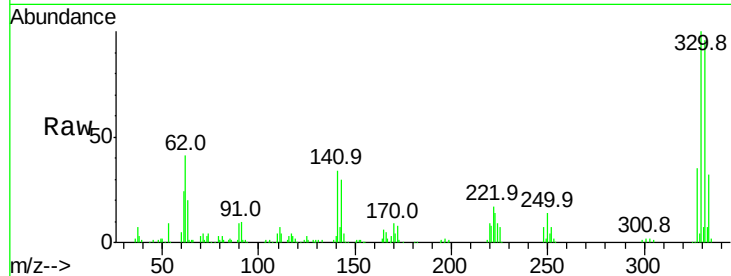
#41
 2,4,6-Tribromophenol
 Concen: 160.970 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF100075.D
 Acq: 2 Nov 2017 5:41

Instrument :
 BNA_F
 ClientSampleId :
 T-1-CONCRETE

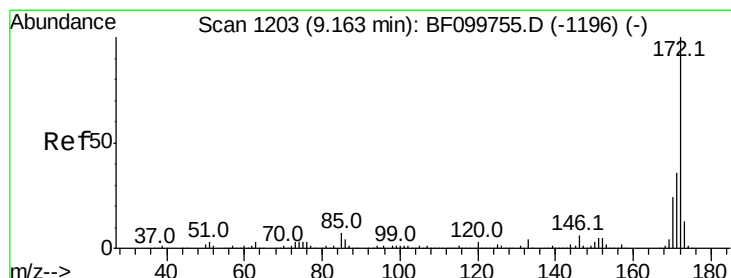
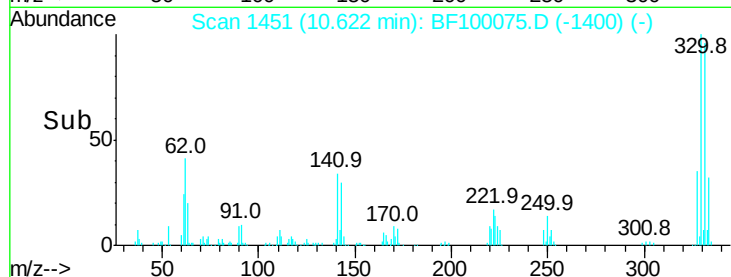
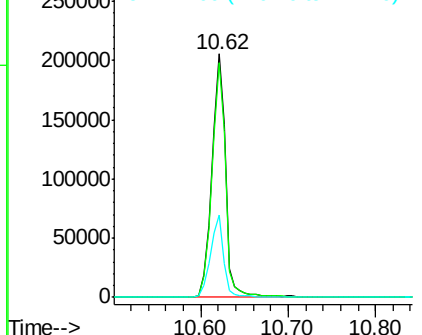
Tot Ion	Ratio	Resp	Lower	Upper
330	100	224704		
332	96.1	77.0	115.6	
141	32.5	29.9	44.9	

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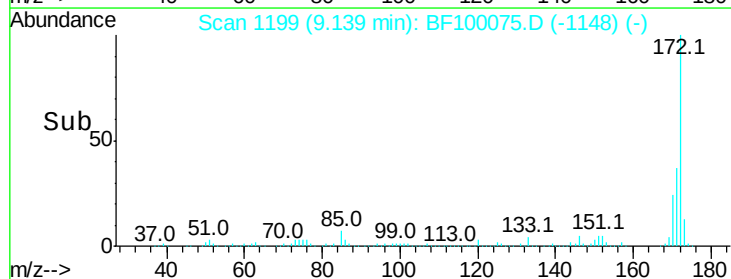
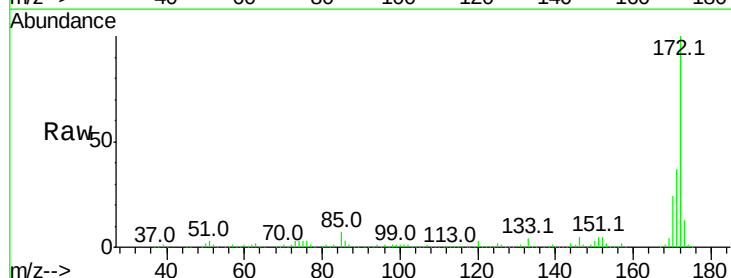
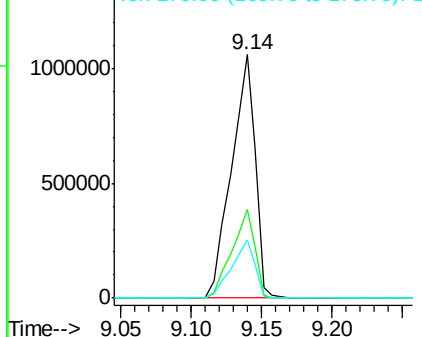
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

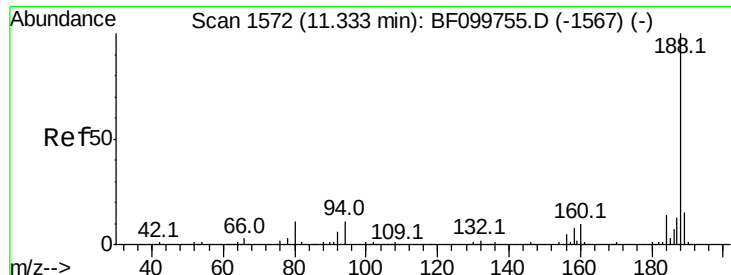


#44
 2-Fluorobiphenyl
 Concen: 124.506 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF100075.D
 Acq: 2 Nov 2017 5:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1236131		
171	36.5	29.7	44.5	
170	24.0	19.6	29.4	

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





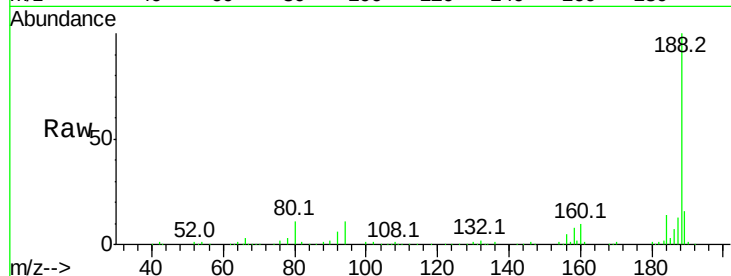
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF100075.D
Acq: 2 Nov 2017 5:41

Instrument :
BNA_F
ClientSampleId :
T-1-CONCRETE

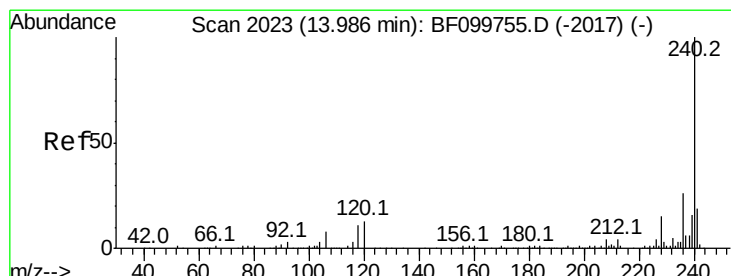
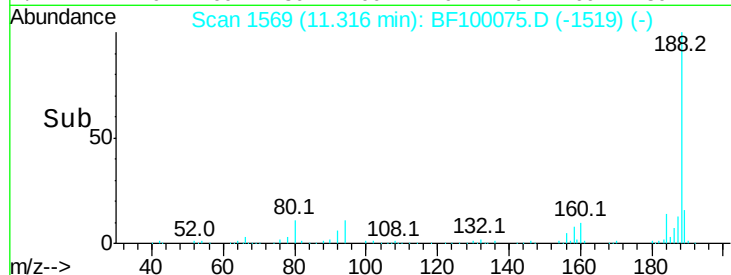
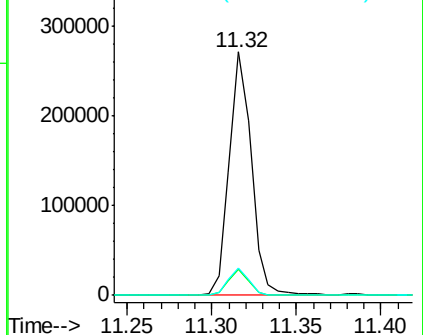
Tot Ion	Ratio	Resp	Lower	Upper
188	100	248406		
94	10.9		8.5	12.7
80	11.1		9.2	13.8

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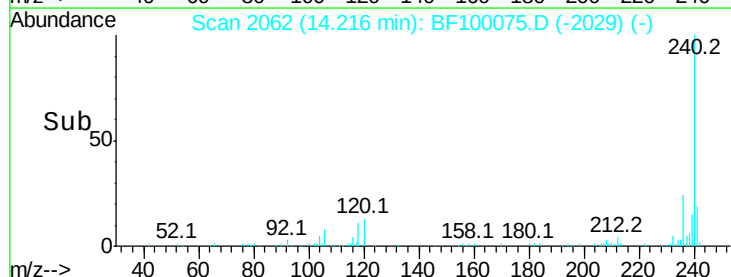
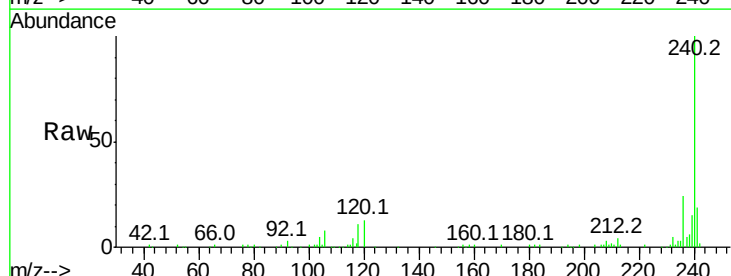
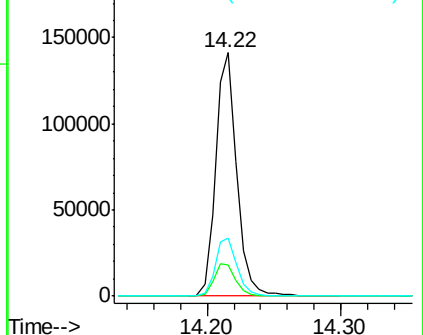
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

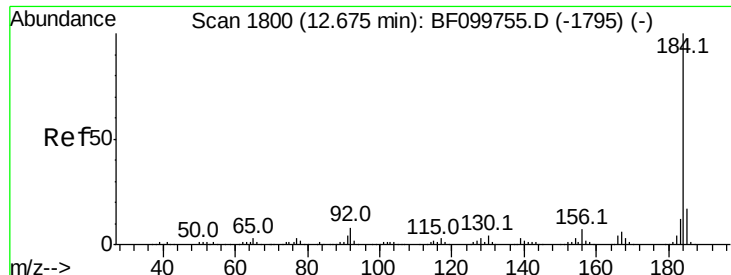


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2062
Delta R.T. -0.11 min
Lab File: BF100075.D
Acq: 2 Nov 2017 5:41

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	156917		
120	12.8		9.5	14.3
236	23.8		20.7	31.1

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





#76

Benzidine

Concen: 2.822 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.04 min

Lab File: BF100075.D

Acq: 2 Nov 2017 5:41

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:184 Resp: 19377

Ion Ratio Lower Upper

184 100

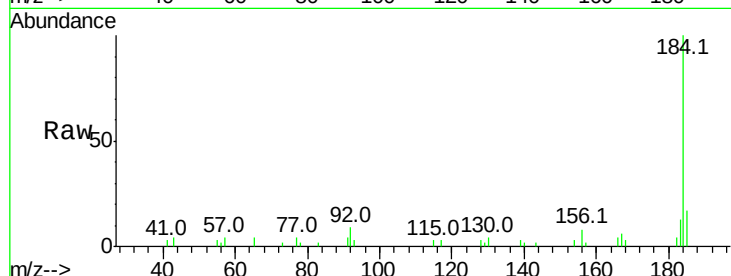
185 17.2 12.6 18.8

183 12.6 9.3 13.9

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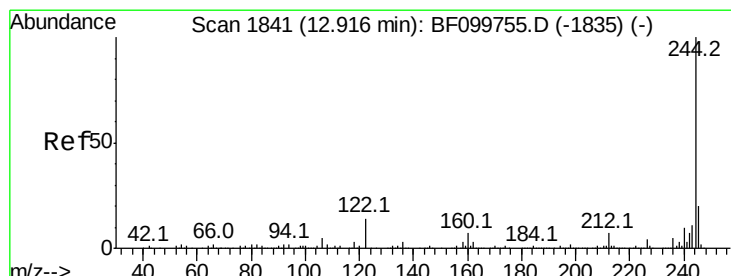
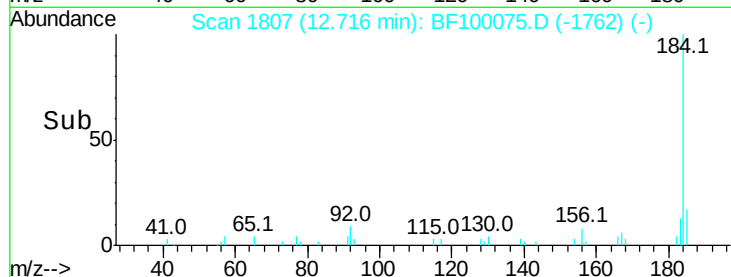
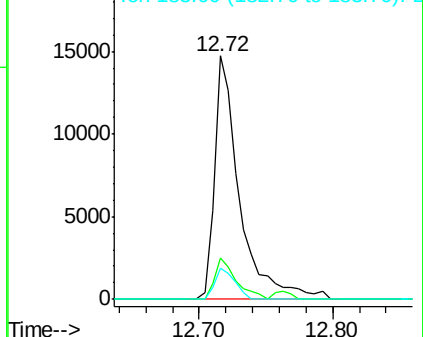
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 120.930 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.05 min

Lab File: BF100075.D

Acq: 2 Nov 2017 5:41

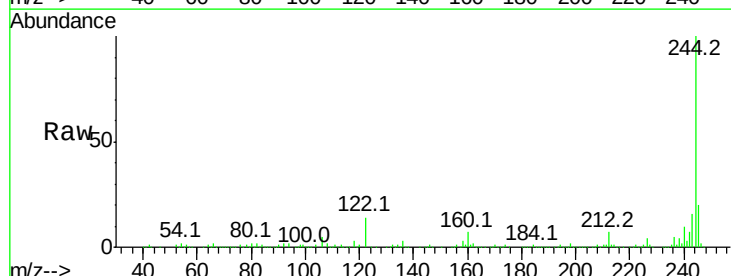
Tgt Ion:244 Resp: 868317

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

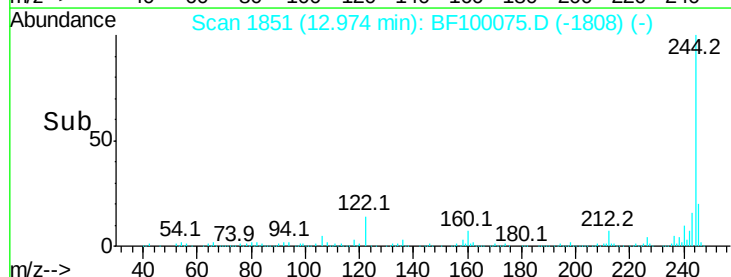
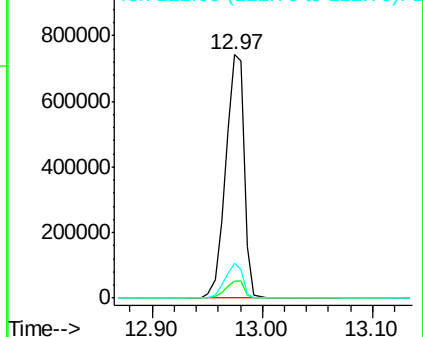
122 14.5 11.0 16.4

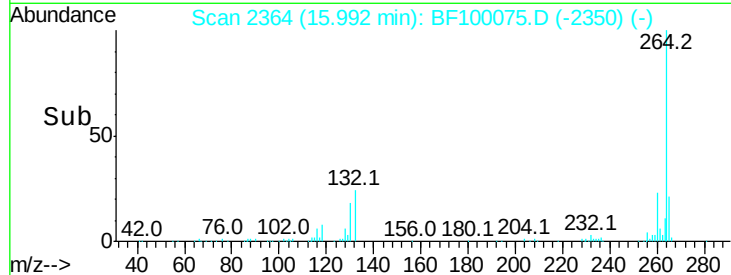
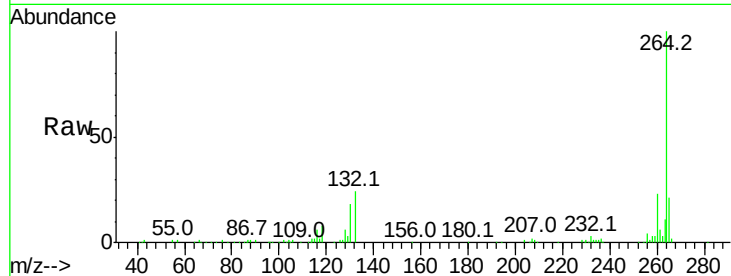
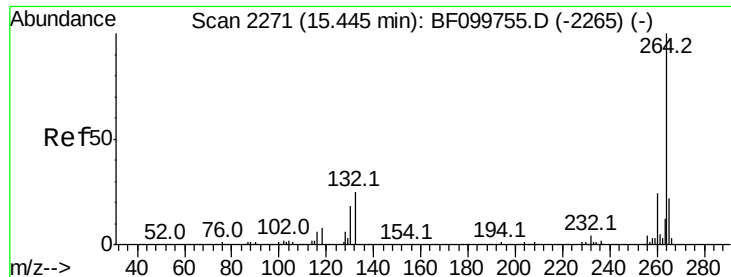


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.99 min Scan# 2364
Delta R.T. -0.22 min
Lab File: BF100075.D
Acq: 2 Nov 2017 5:41

Tot Ion:	264	Resp:	139361
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	21.4	17.5	26.3

Instrument :
BNA_F
ClientSampleId :
T-1-CONCRETE

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