

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099569.D
 Acq On : 17 Oct 2017 2:52
 Operator : SJ/JU
 Sample : I5752-10RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-116-C(0-5)RE

Manual Integrations
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Quant Time: Oct 17 03:54:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	99429	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	400421	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	167863	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	247550	20.00	ng	0.00
75) Chrysene-d12	14.02	240	177968	20.00	ng	0.00
86) Perylene-d12	15.49	264	189713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	704798	112.84	ng	0.00
7) Phenol-d6	6.48	99	838890	108.88	ng	0.00
23) Nitrobenzene-d5	7.41	82	493202	78.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	144401	105.13	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	854343	84.97	ng	-0.01
78) Terphenyl-d14	12.95	244	535351	68.41	ng	0.00
Target Compounds						
10) Phenol	6.49	94	50887	5.905	ng	97
49) Dimethylphthalate	9.59	163	127774	10.085	ng	98
70) Phenanthrene	11.39	178	54402	4.106	ng	96
74) Fluoranthene	12.59	202	74800	5.575	ng	97
77) Pyrene	12.82	202	68178	5.024	ng	98
80) Benzo(a)anthracene	14.00	228	36216	3.361	ng	97
82) Chrysene	14.04	228	29541	2.879	ng	97
85) Indeno(1,2,3-cd)pyrene	16.97	276	18374	2.239	ng	96
87) Benzo(b)fluoranthene	15.06	252	42170m	3.615	ng	
89) Benzo(a)pyrene	15.43	252	31469	2.939	ng	# 92

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

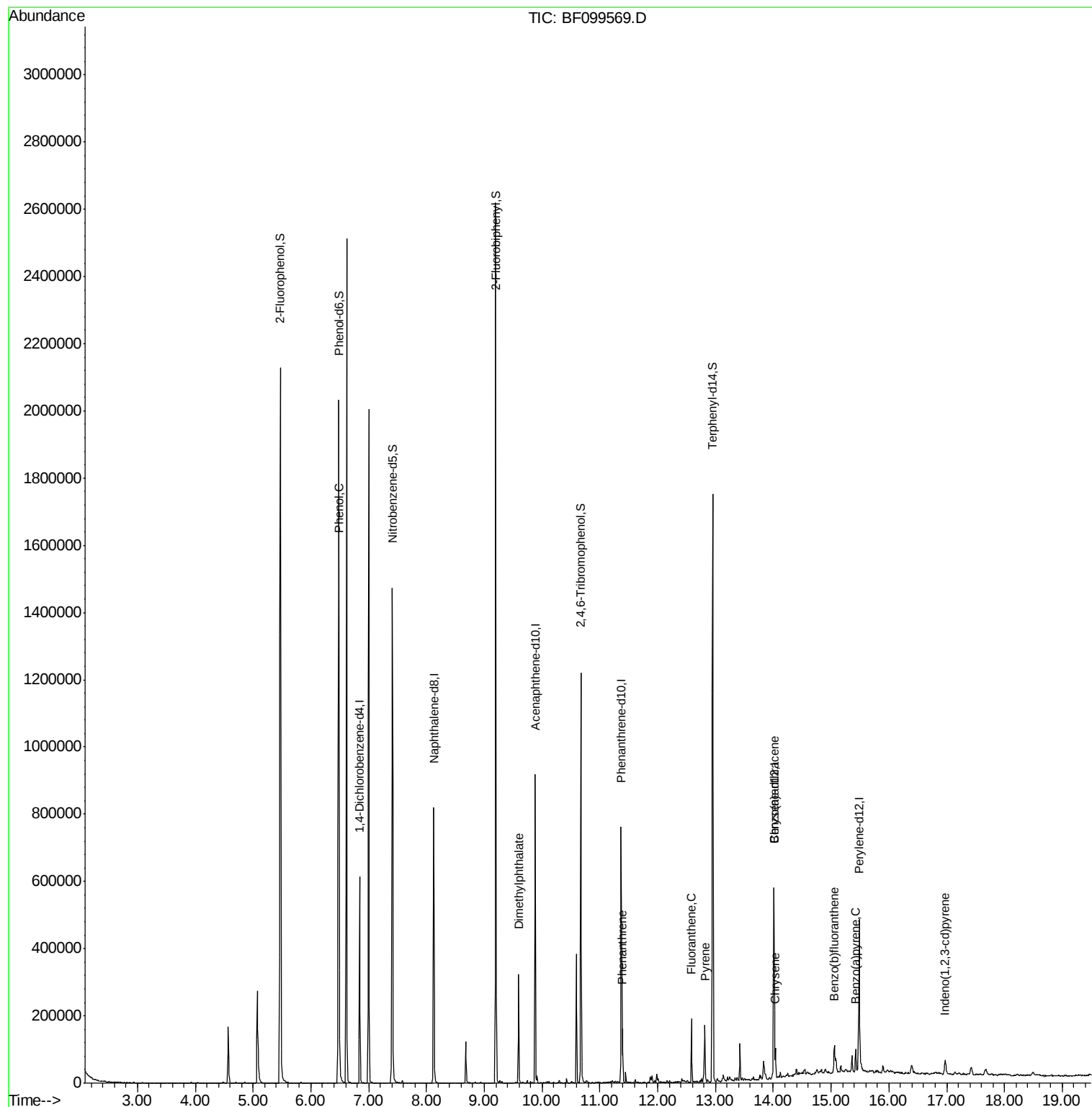
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099569.D
Acq On : 17 Oct 2017 2:52
Operator : SJ/JU
Sample : I5752-10RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

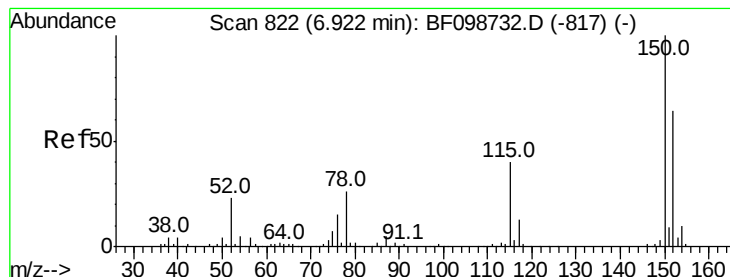
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-116-C(0-5)RE

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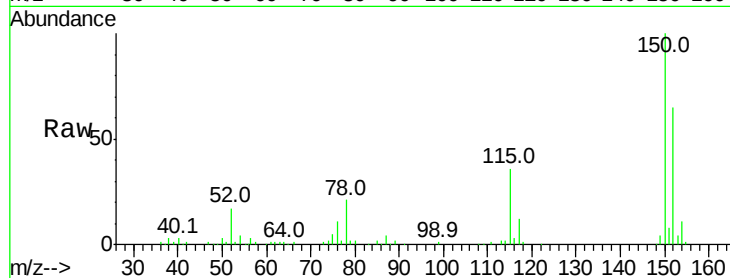
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF099569.D
 Acq: 17 Oct 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-116-C(0-5)RE

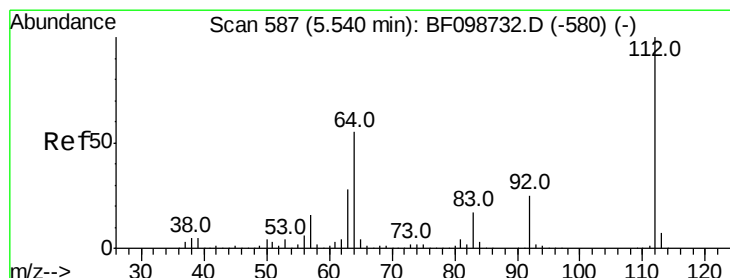
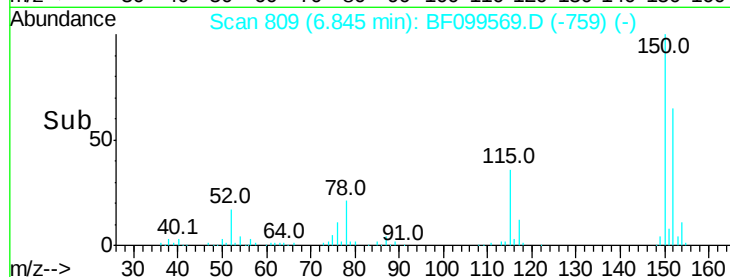
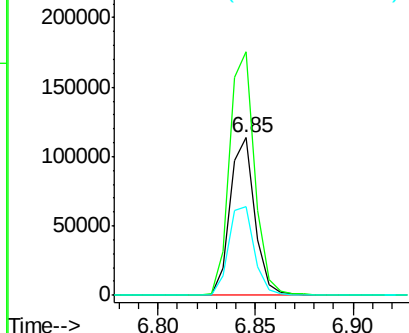
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	56.2	50.1	75.1

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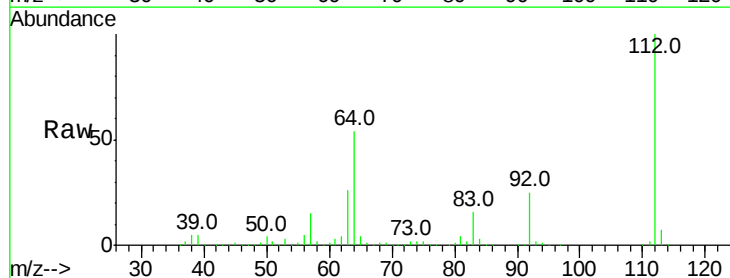


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

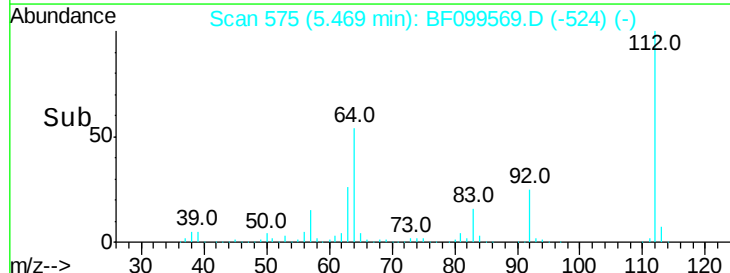
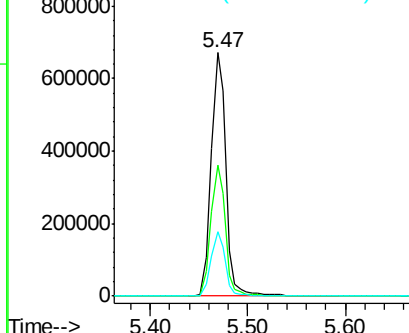


#5
 2-Fluorophenol
 Concen: 112.841 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF099569.D
 Acq: 17 Oct 2017 2:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	47.9	71.9
63	26.4	23.7	35.5



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: 108.875 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099569.D

Acq: 17 Oct 2017 2:52

Instrument :

BNA_F

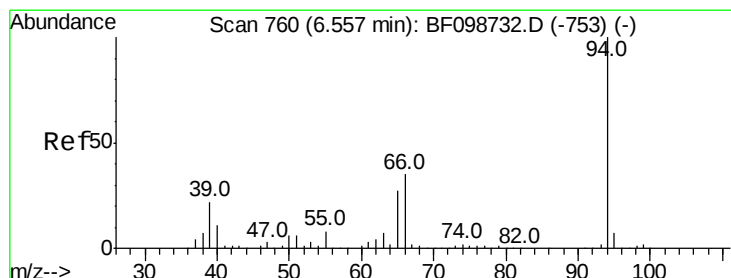
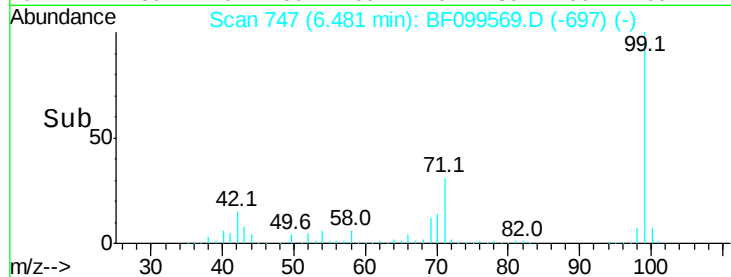
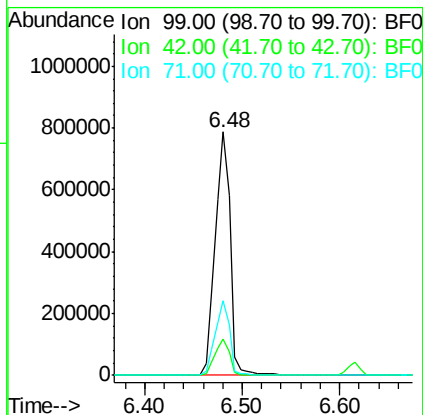
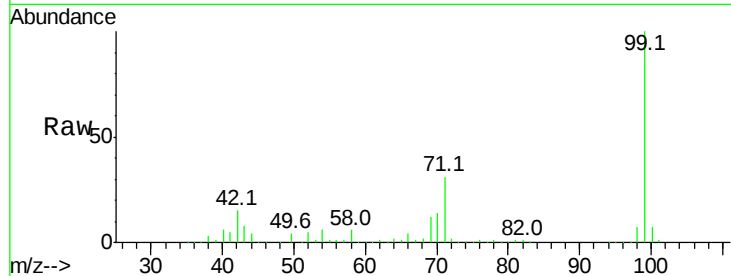
ClientSampleId :

TEST-PIT-116-C(0-5)RE

Tot Ion:	99	Resp:	838890
Ion Ratio	Lower	Upper	
99	100		
42	15.1	14.5	21.7
71	30.7	25.4	38.0

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#10

Phenol

Concen: 5.905 ng

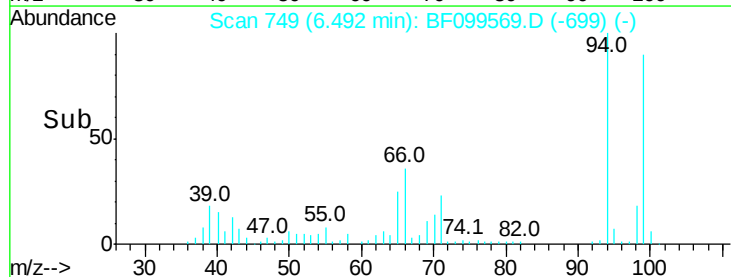
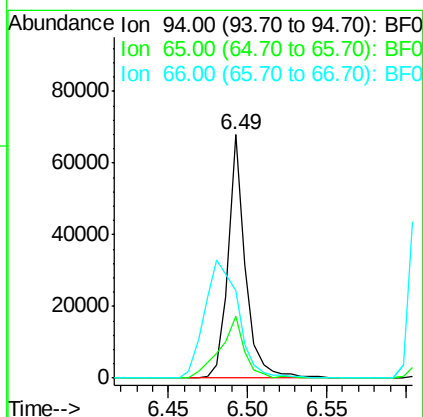
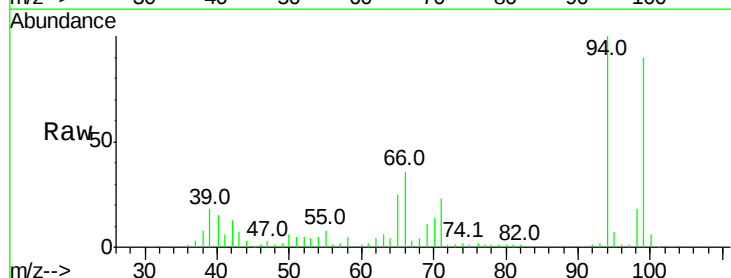
RT: 6.49 min Scan# 749

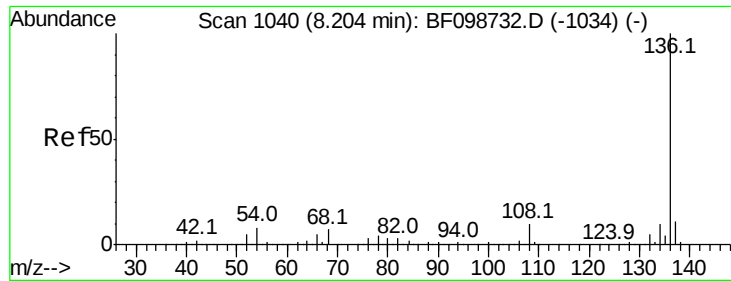
Delta R.T. -0.01 min

Lab File: BF099569.D

Acq: 17 Oct 2017 2:52

Tgt Ion:	94	Resp:	50887
Ion Ratio	Lower	Upper	
94	100		
65	25.2	7.9	47.9
66	35.8	16.2	56.2





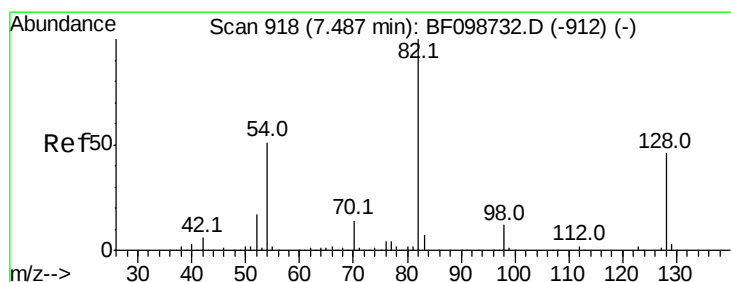
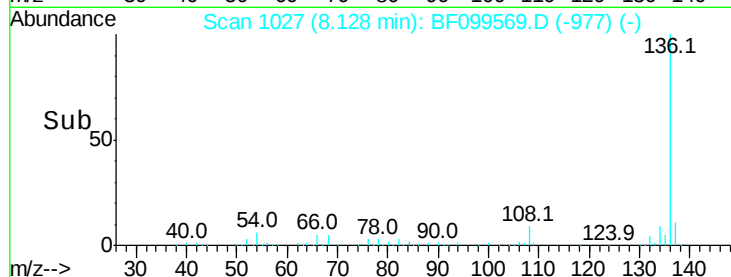
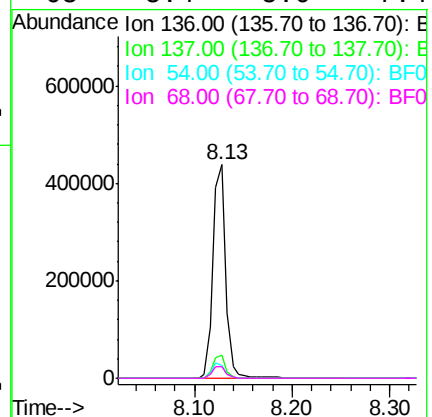
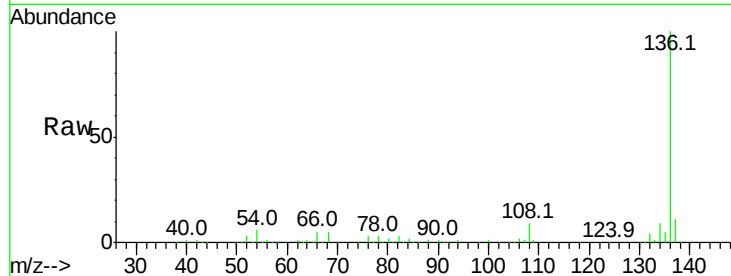
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-116-C(0-5)RE

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	5.9	6.6	9.8	
68	5.4	5.0	7.4	

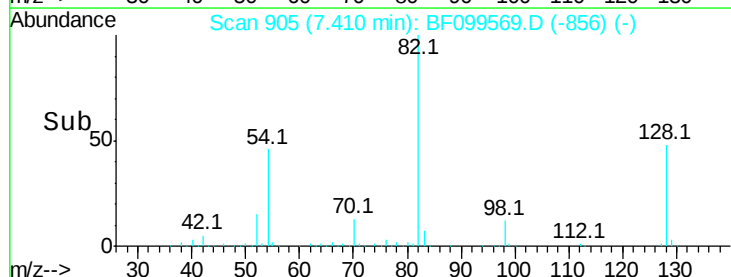
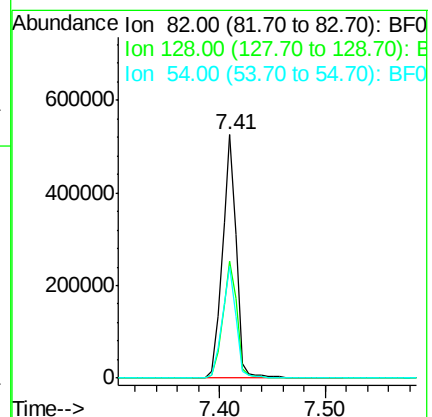
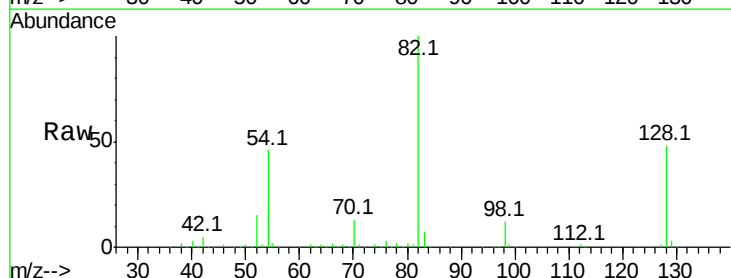
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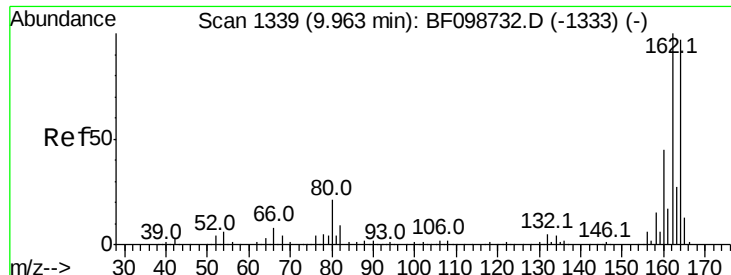
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#23
Nitrobenzene-d5
Concen: 78.990 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.2	36.1	54.1	
54	45.9	41.4	62.2	





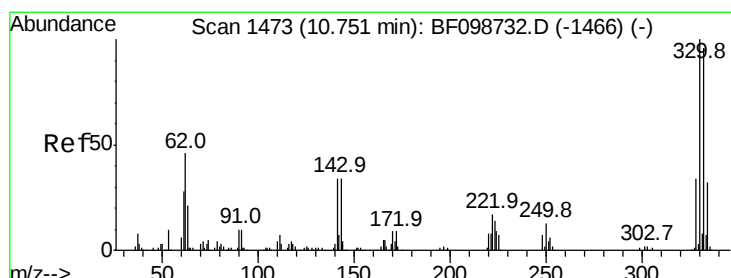
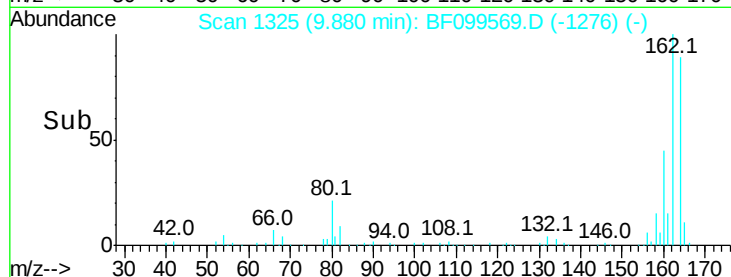
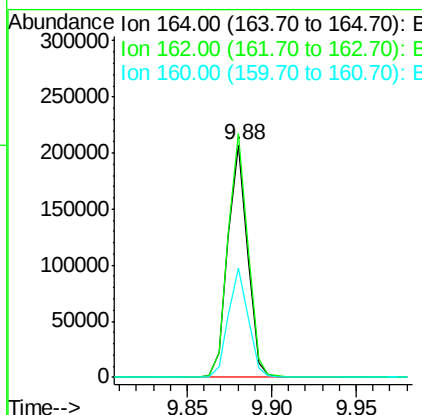
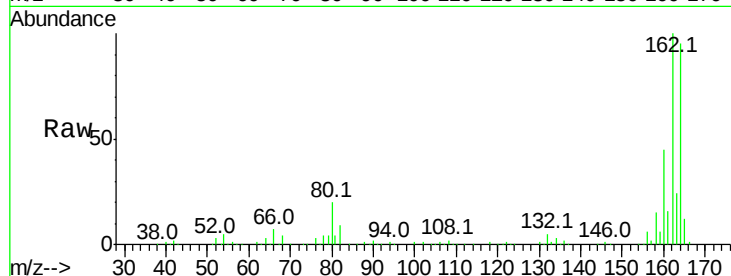
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-116-C(0-5)RE

Tot Ion	Ratio	Resp	Lower	Upper
164	100	167863		
162	104.8	86.1	129.1	
160	47.0	38.3	57.5	

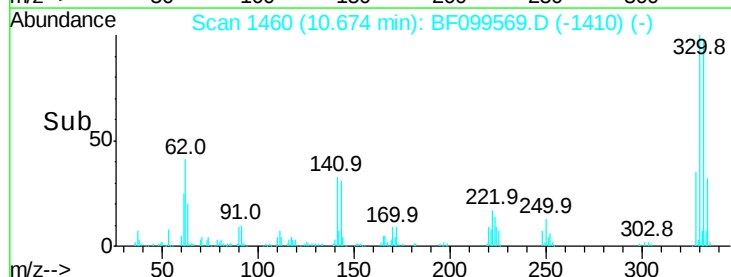
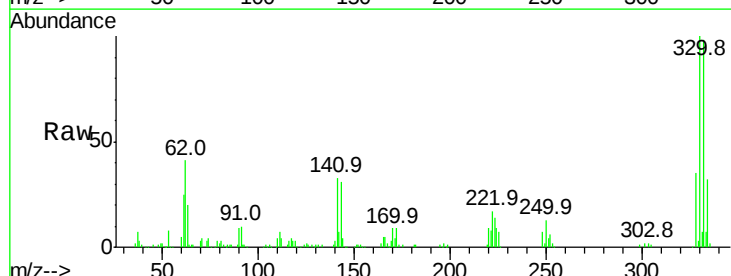
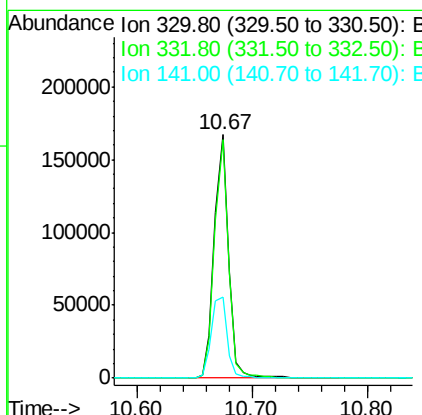
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#41
2,4,6-Tribromophenol
Concen: 105.128 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	144401		
332	96.7	77.0	115.6	
141	37.6	29.9	44.9	





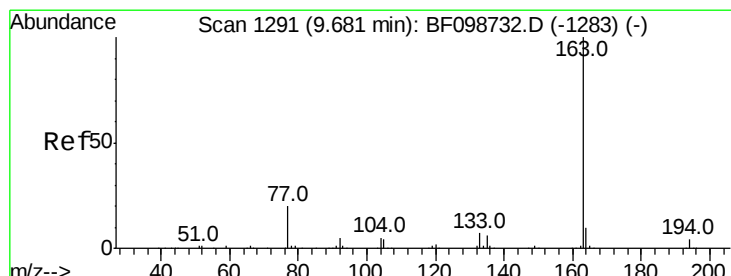
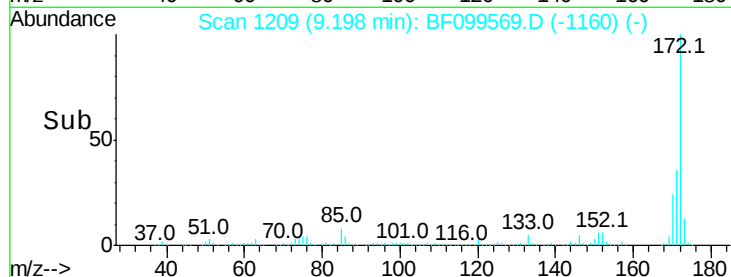
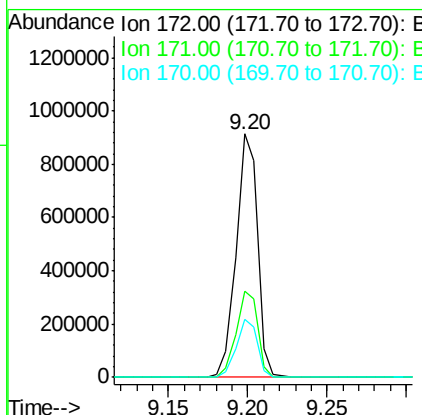
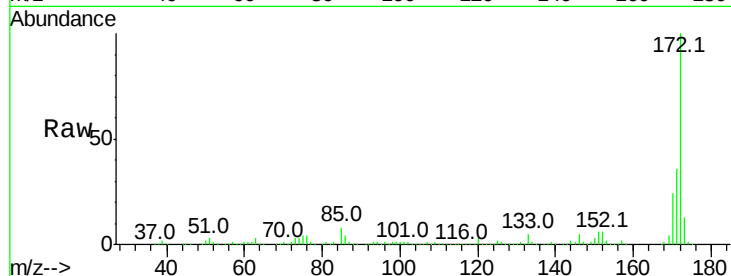
#44
2-Fluorobiphenyl
Concen: 84.965 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-116-C(0-5)RE

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	19.6	29.4

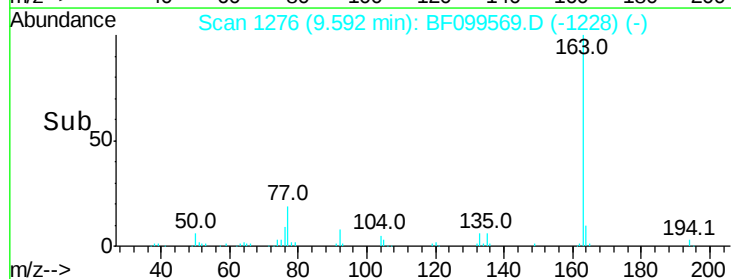
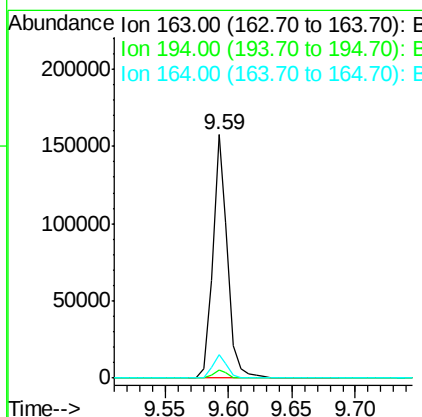
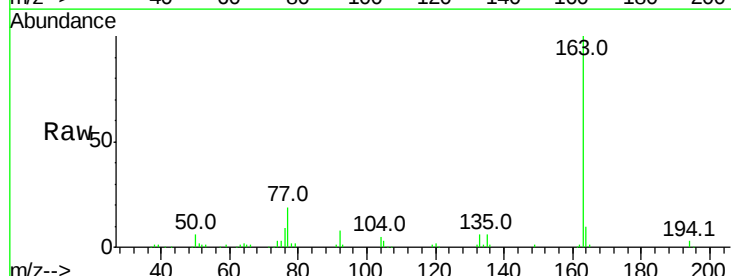
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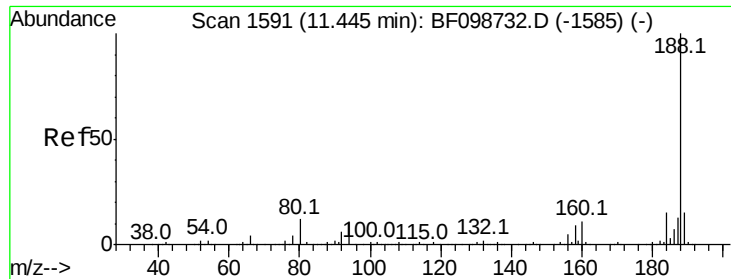
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#49
Dimethylphthalate
Concen: 10.085 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.5	8.2	12.2





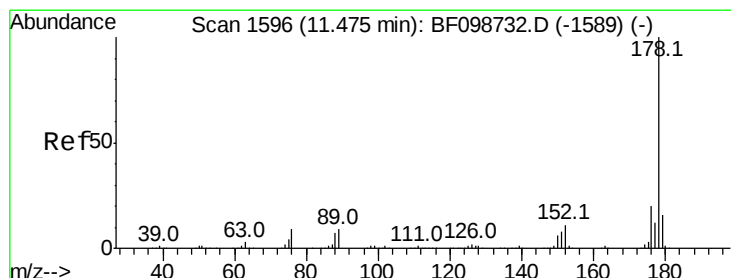
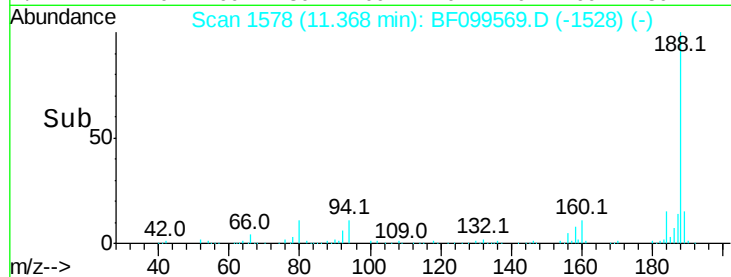
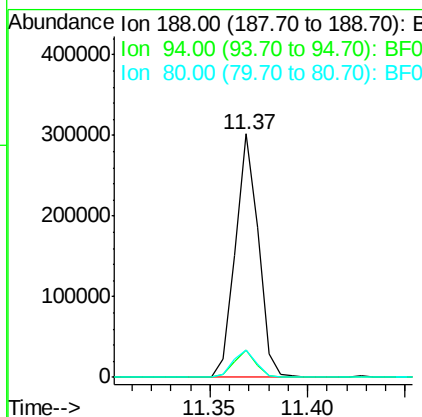
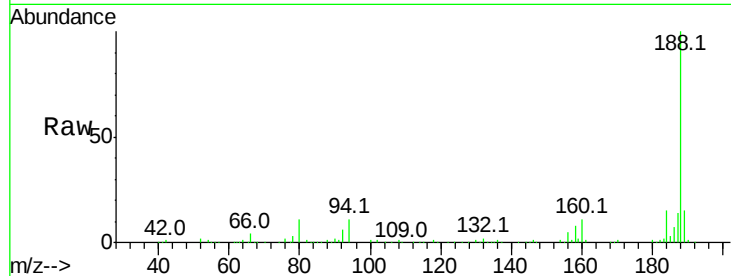
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF099569.D
 Acq: 17 Oct 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-116-C(0-5)RE

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.4	9.2	13.8

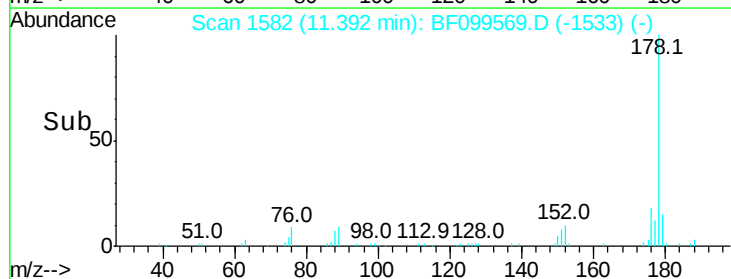
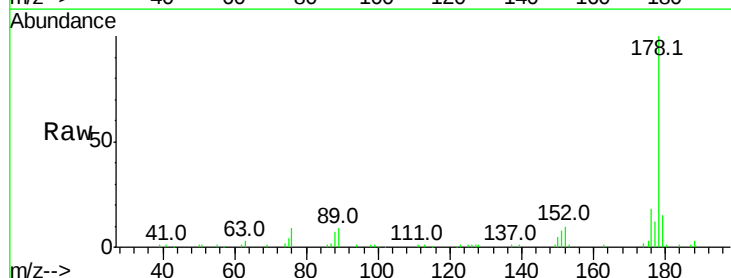
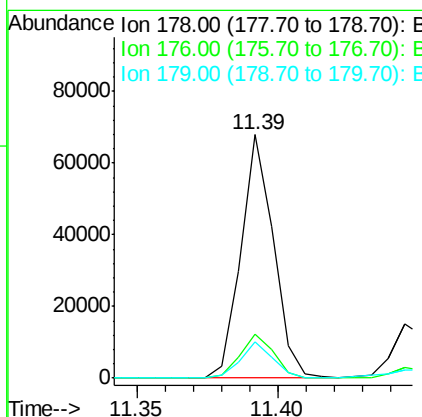
Manual Integrations
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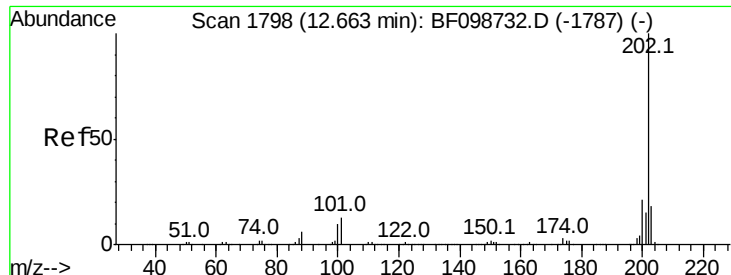
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#70
 Phenanthrene
 Concen: 4.106 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF099569.D
 Acq: 17 Oct 2017 2:52

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.0	15.8	23.8
179	14.7	13.0	19.6





#74

Fluoranthene

Concen: 5.575 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF099569.D

Acq: 17 Oct 2017 2:52

Instrument :

BNA_F

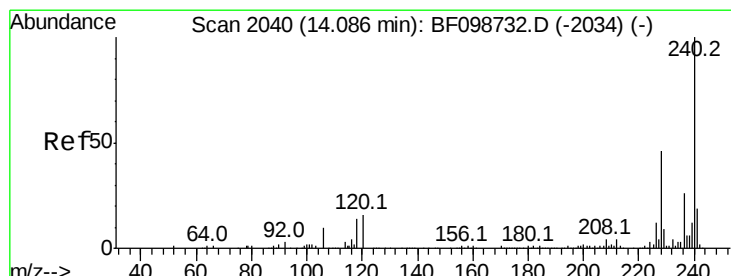
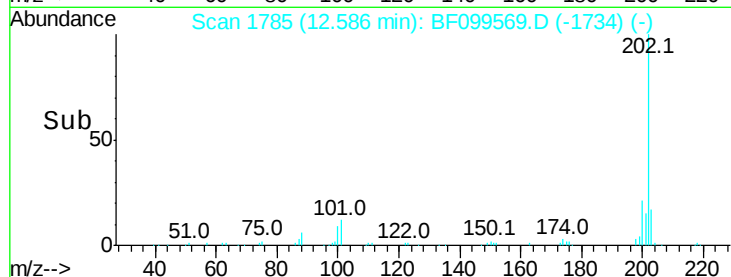
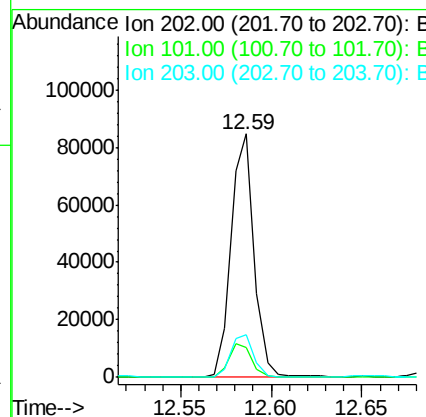
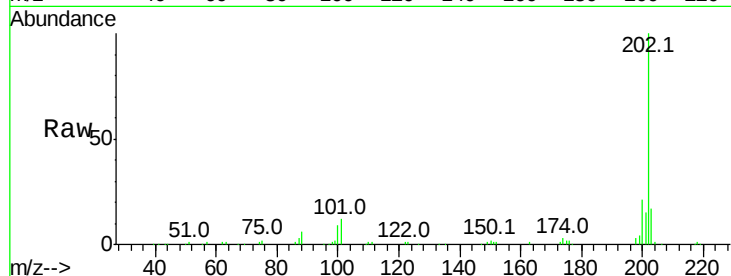
ClientSampleId :

TEST-PIT-116-C(0-5)RE

Tot Ion:	202	Resp:	74800
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	34.1
203	17.3	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

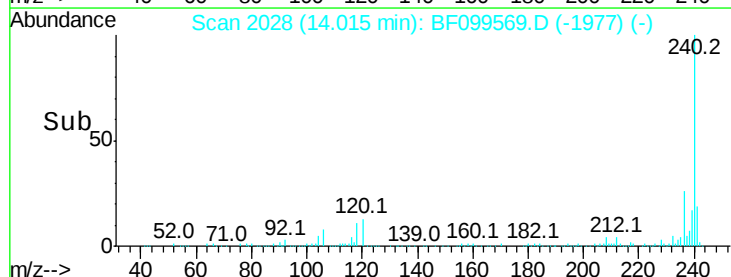
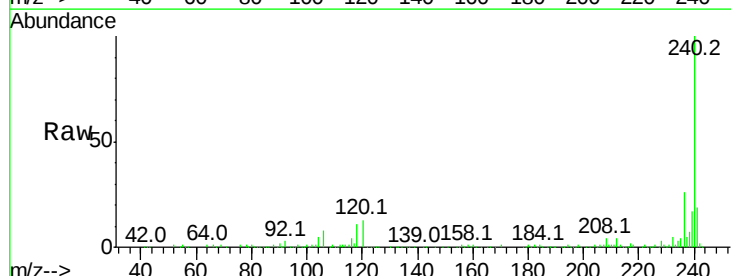
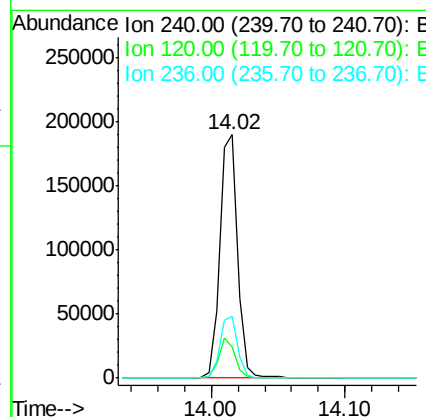
RT: 14.02 min Scan# 2028

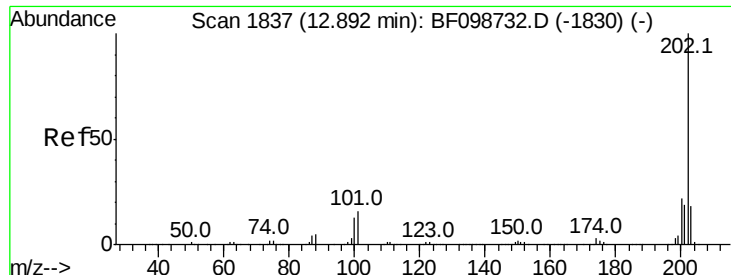
Delta R.T. -0.00 min

Lab File: BF099569.D

Acq: 17 Oct 2017 2:52

Tgt Ion:	240	Resp:	177968
Ion Ratio	Lower	Upper	
240	100		
120	13.0	9.5	14.3
236	25.5	20.7	31.1





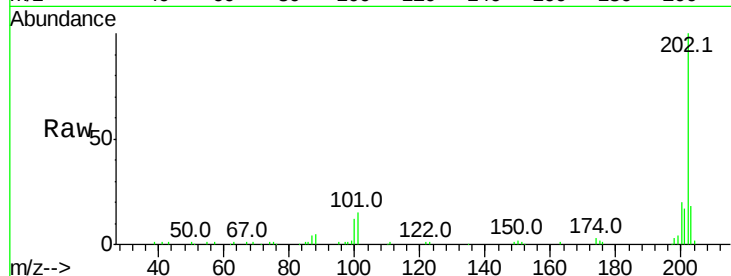
#77
Pvrene
Concen: 5.024 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-116-C(0-5)RE

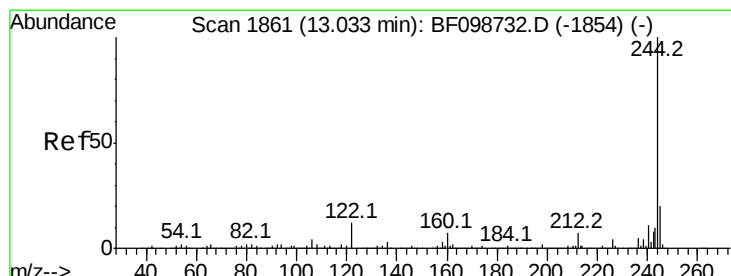
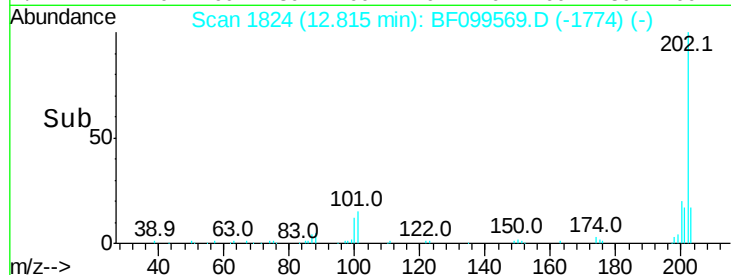
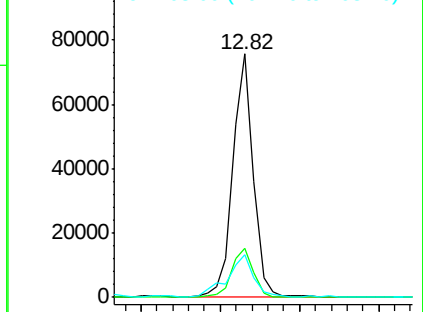
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.4	17.4	26.2
203	17.6	14.3	21.5

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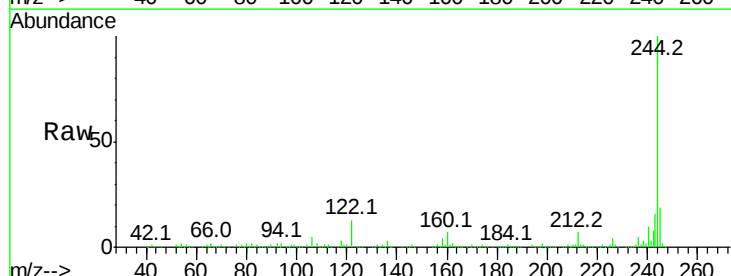


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

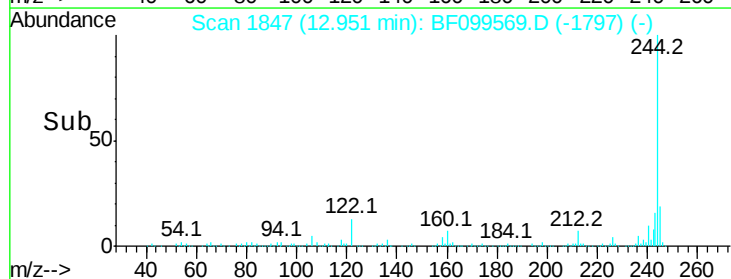
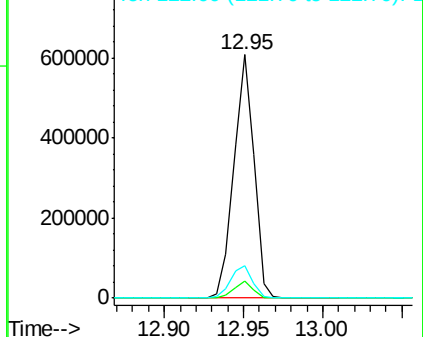


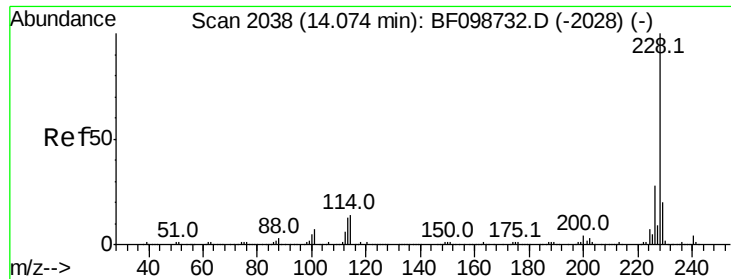
#78
Terphenyl-d14
Concen: 68.411 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.4	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





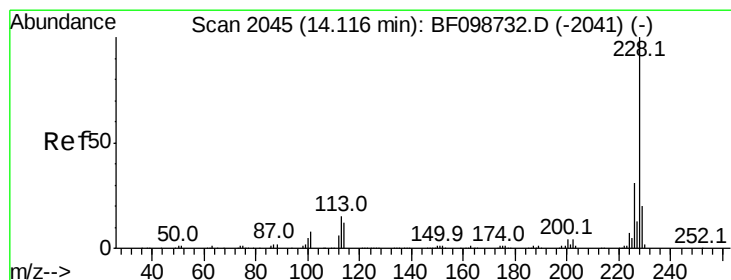
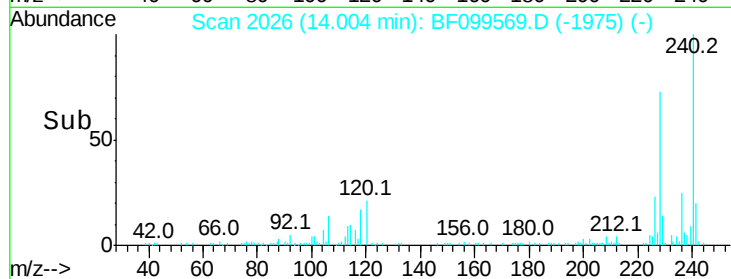
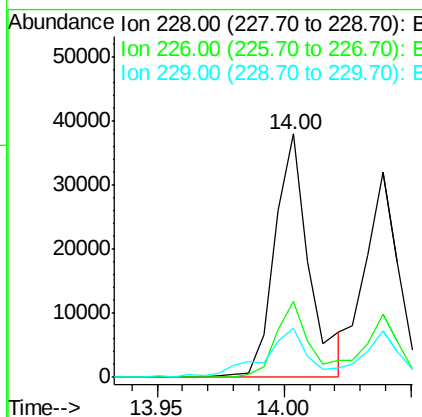
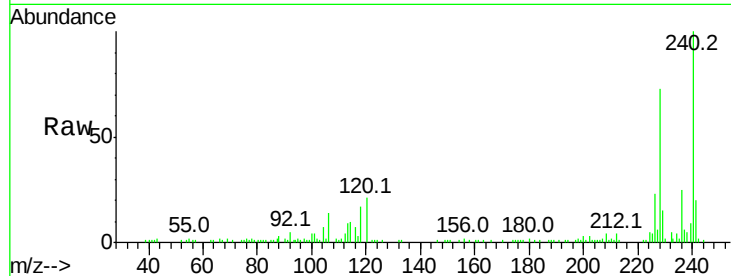
#80
Benzo(a)anthracene
Concen: 3.361 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-116-C(0-5)RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	33.8
229	20.1	15.8	23.6

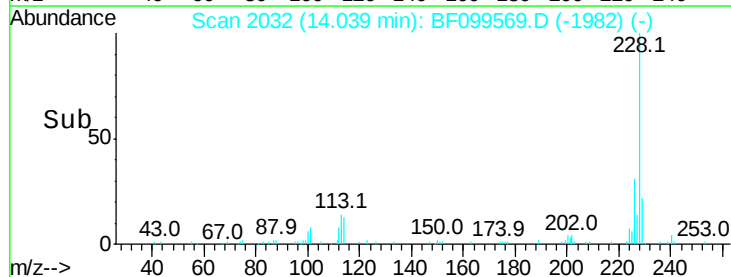
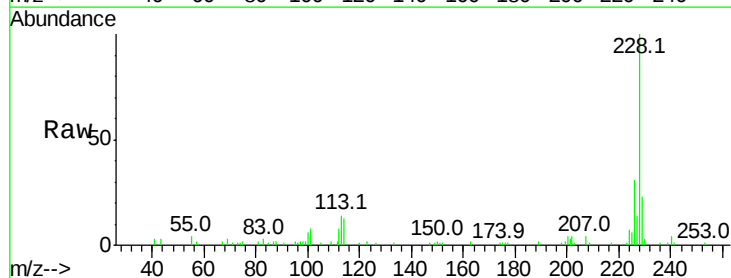
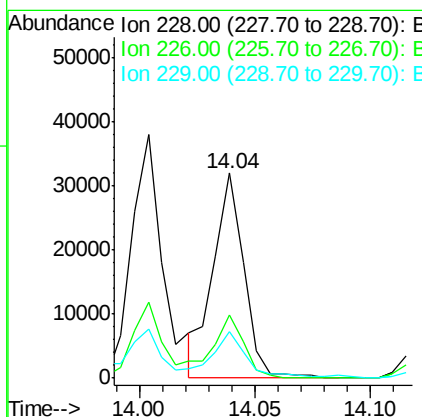
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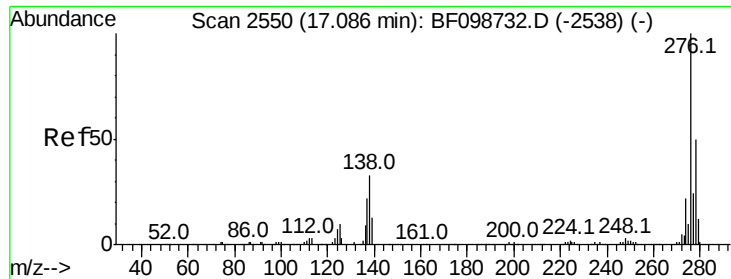
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#82
Chrysene
Concen: 2.879 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	23.0	16.2	24.4





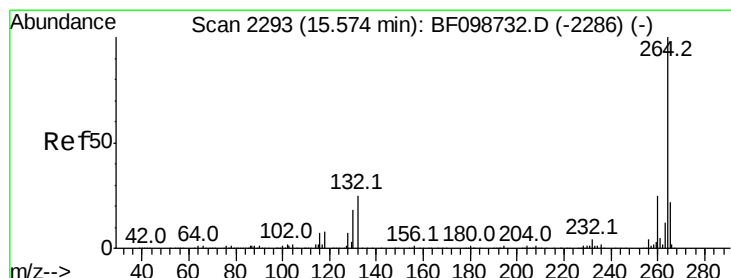
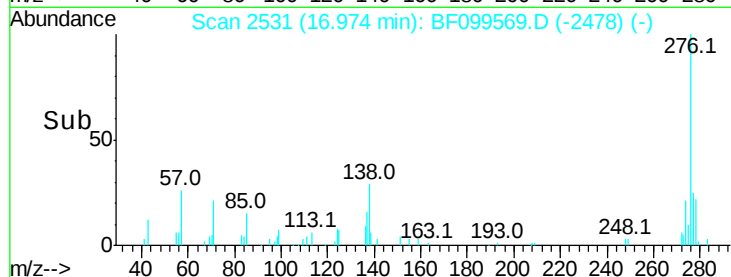
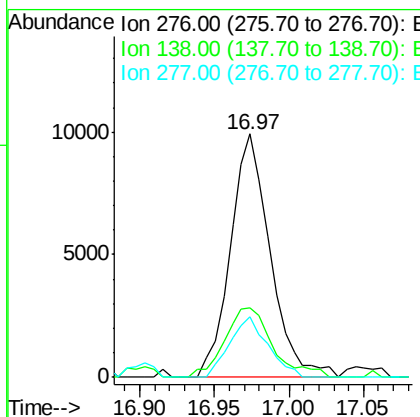
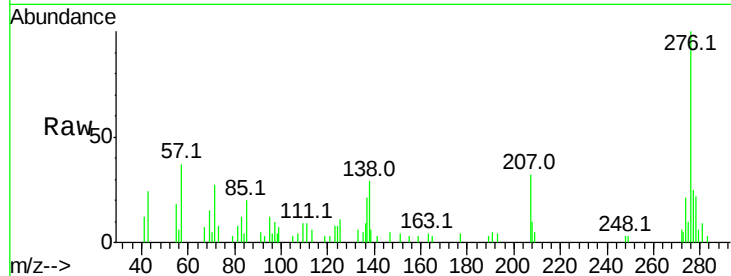
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.239 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-116-C(0-5)RE

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.5	25.0	37.6
277	23.7	20.1	30.1

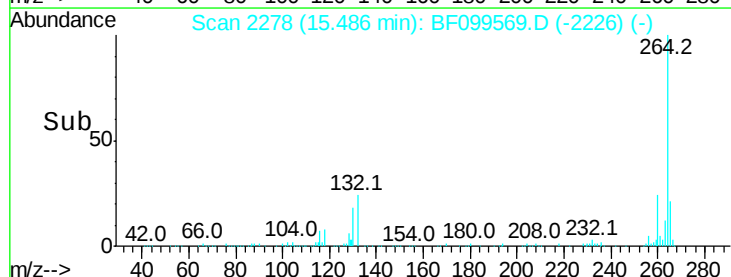
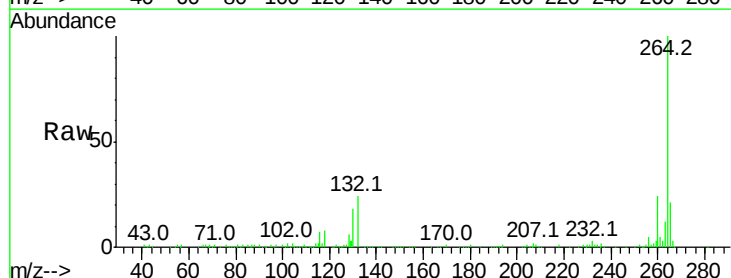
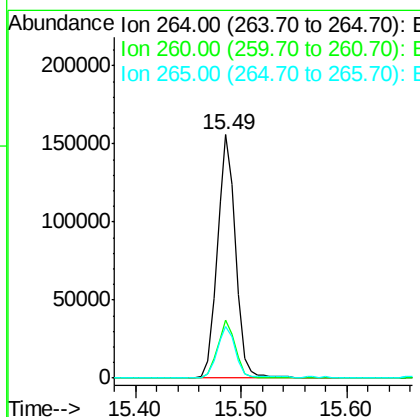
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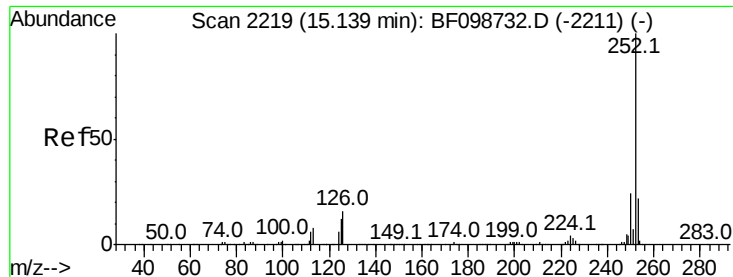
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	17.5	26.3





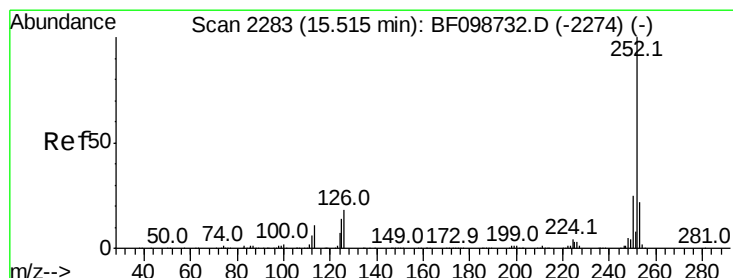
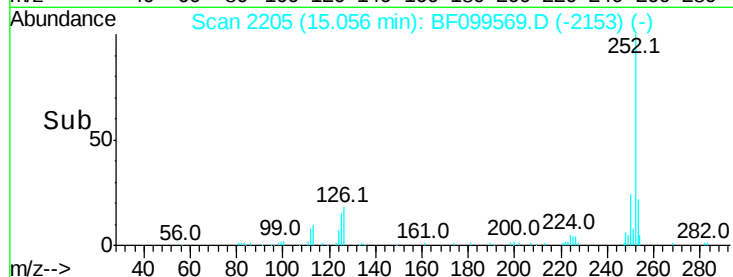
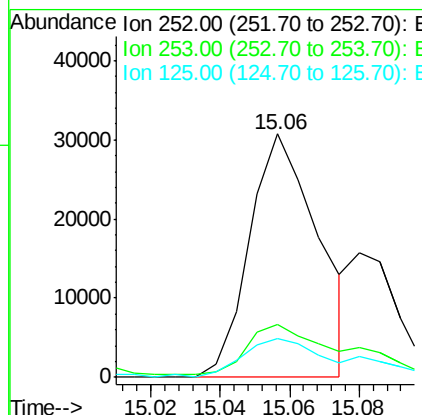
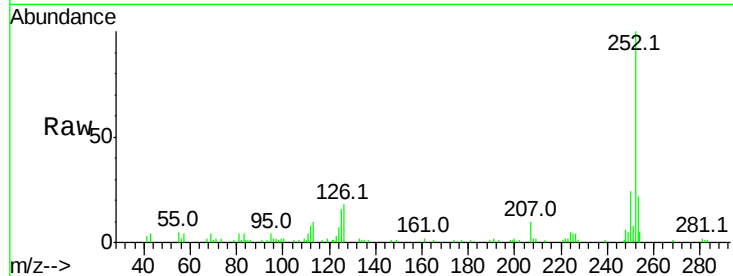
#87
Benzo(b)fluoranthene
Concen: 3.615 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-116-C(0-5)RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	16.1	9.0	13.6

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 2.939 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.1	25.7
125	13.4	9.8	14.6

