

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103702.D
 Acq On : 16 Mar 2018 17:59
 Operator : JU/SJ
 Sample : J1752-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-031418

Manual Integrations
 APPROVED

Sohil
 3/19/2018 2:00:57 PM

Quant Time: Mar 19 10:37:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	180931	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	740057	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	337498	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	570316	20.00	ng	0.00
75) Chrysene-d12	14.14	240	374950	20.00	ng	0.00
86) Perylene-d12	15.68	264	354855	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1197305	100.65	ng	0.00
7) Phenol-d6	6.59	99	1468550	100.91	ng	0.00
23) Nitrobenzene-d5	7.53	82	891794	84.03	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	305795	105.38	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1362552	64.40	ng	0.00
78) Terphenyl-d14	13.09	244	1112730	68.88	ng	0.00
Target Compounds						
10) Phenol	6.59	94	43329	2.802	ng	Qvalue # 54
32) Benzoic acid	7.91	122	3411m	10.270	ng	
49) Dimethylphthalate	9.71	163	131427	5.104	ng	99
74) Fluoranthene	12.71	202	146954	4.572	ng	97
77) Pyrene	12.94	202	124146	4.508	ng	98
80) Benzo(a)anthracene	14.13	228	52445	2.210	ng	95
82) Chrysene	14.17	228	56693m	2.506	ng	
87) Benzo(b)fluoranthene	15.22	252	68410	3.051	ng	# 85
89) Benzo(a)pyrene	15.61	252	45695	2.247	ng	# 89

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

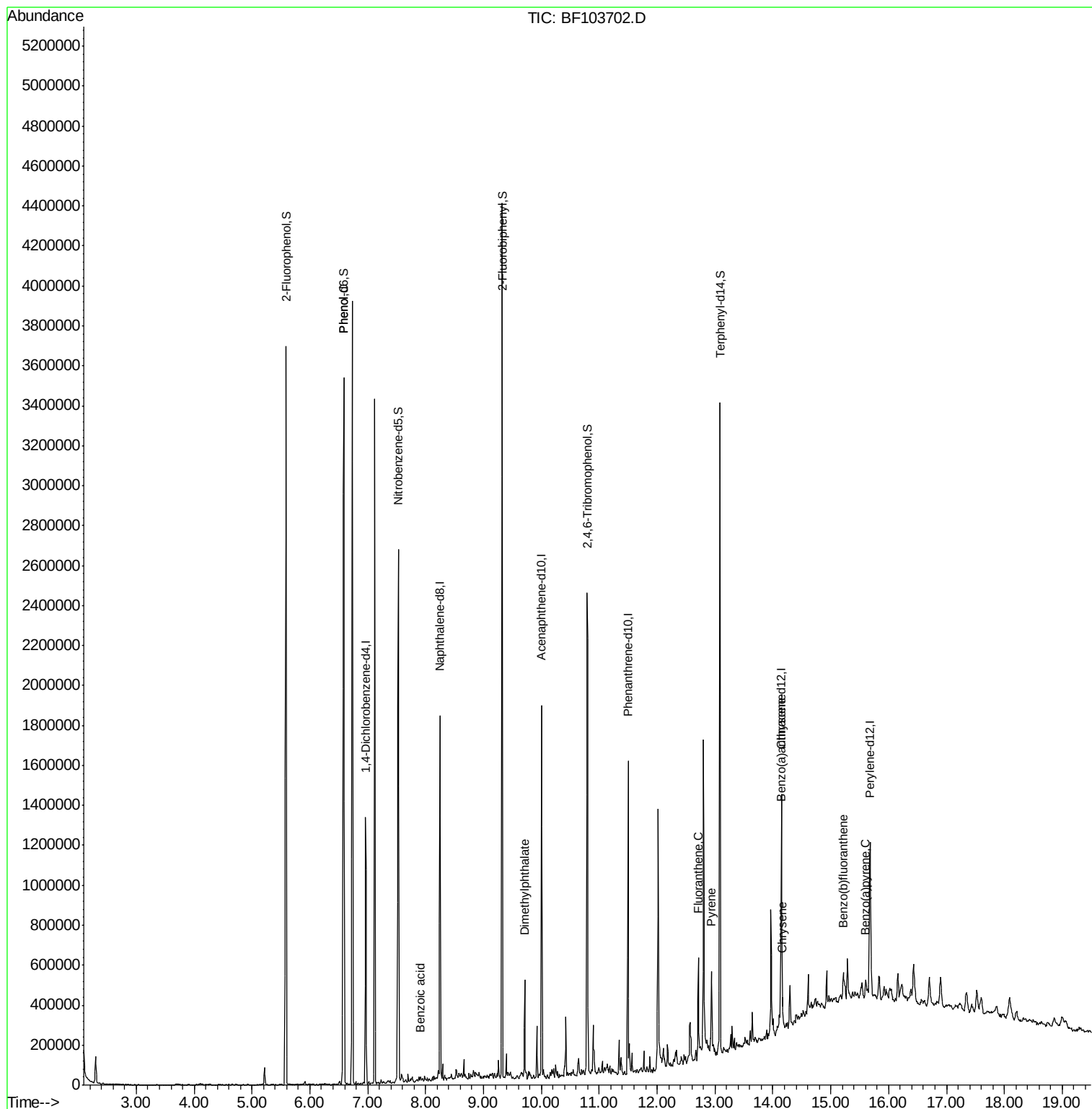
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103702.D
Acq On : 16 Mar 2018 17:59
Operator : JU/SJ
Sample : J1752-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

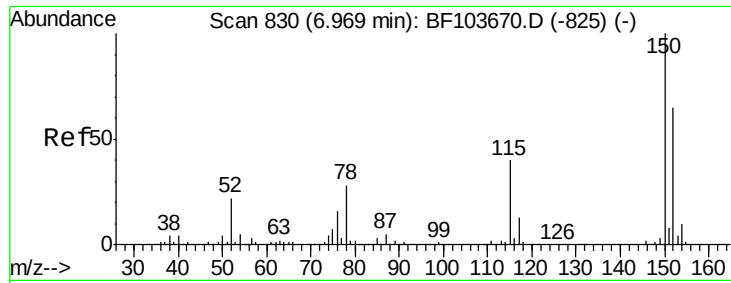
Instrument :
BNA_F
ClientSampleId :
NB-08-031418

Manual Integrations
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3/19/2018 2:00:57 PM

Quant Time: Mar 19 10:37:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
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#1

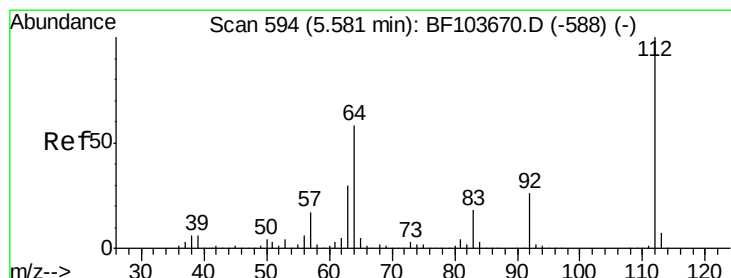
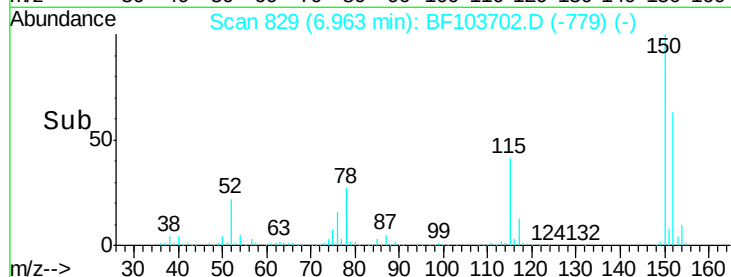
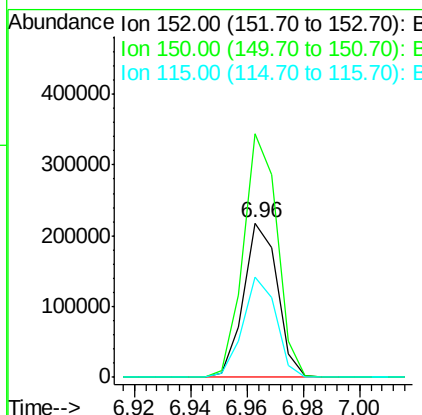
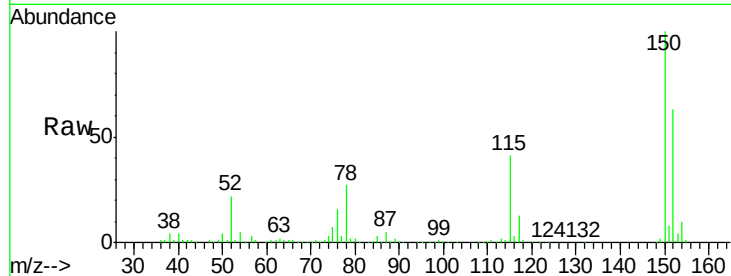
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
NB-08-031418

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	65.2	50.1	75.1

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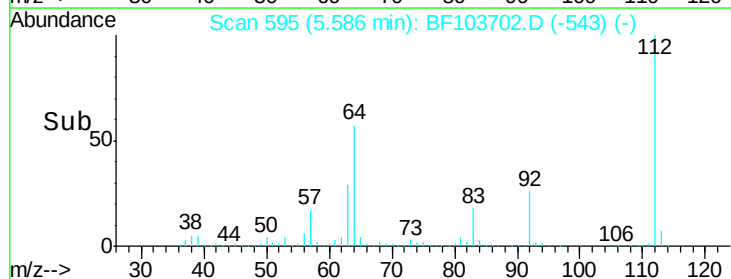
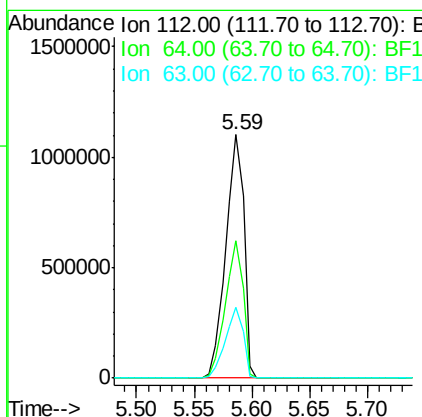
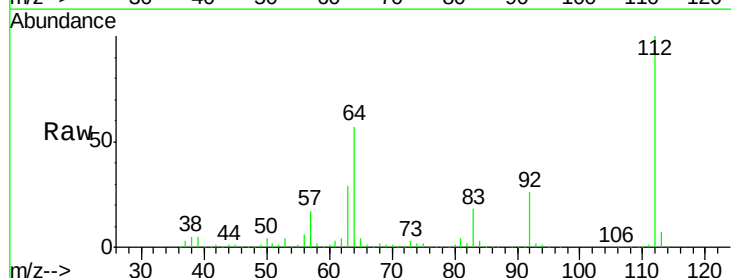
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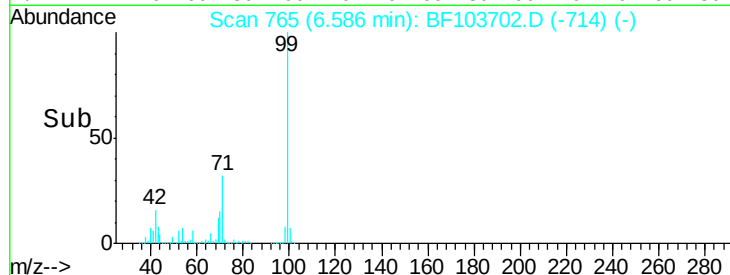
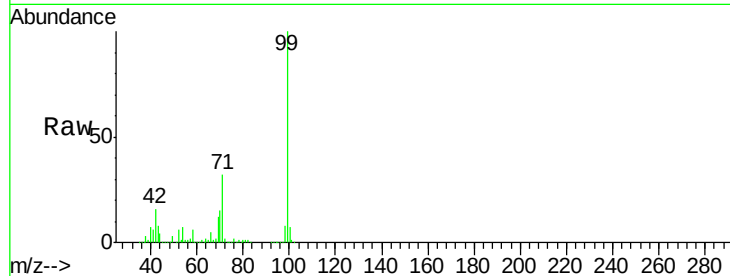
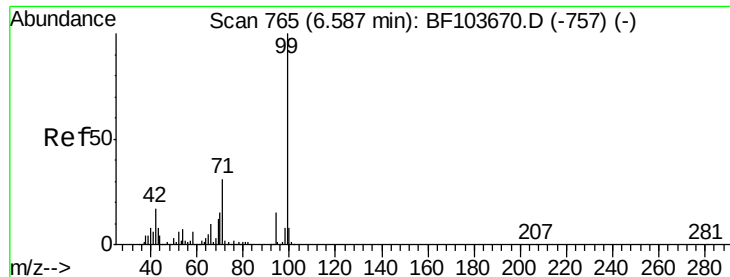


#5

2-Fluorophenol
Concen: 100.651 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.9	71.9
63	28.9	23.7	35.5





#7

Phenol-d6

Concen: 100.908 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF103702.D

Acq: 16 Mar 2018 17:59

Tot Ion:	99	Resp:	1468550
Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	32.1	25.4	38.0

Instrument :

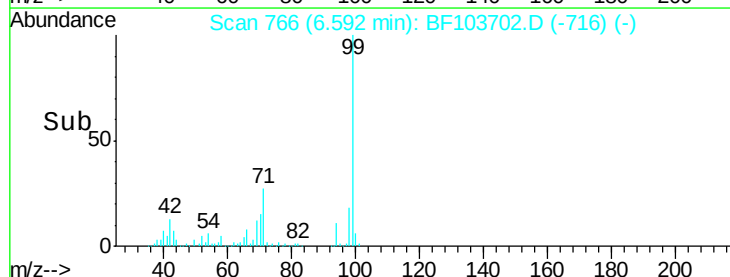
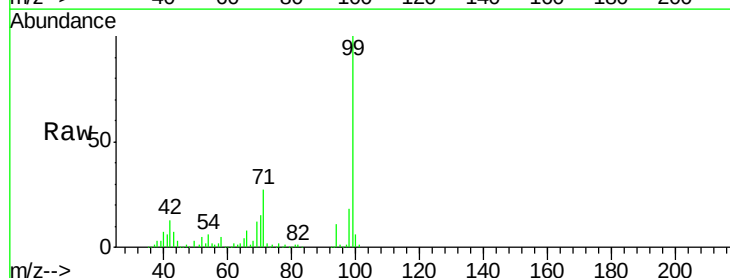
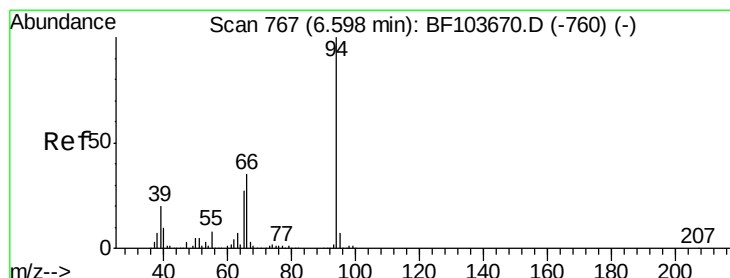
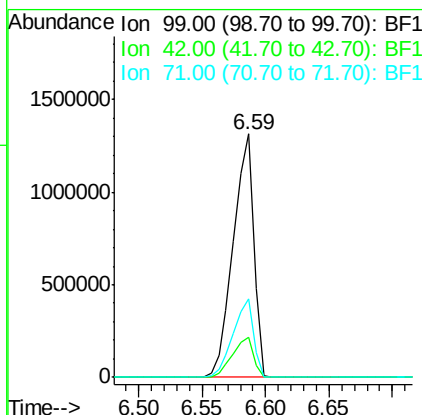
BNA_F

ClientSampleId :

NB-08-031418

Manual Integrations
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#10

Phenol

Concen: 2.802 ng

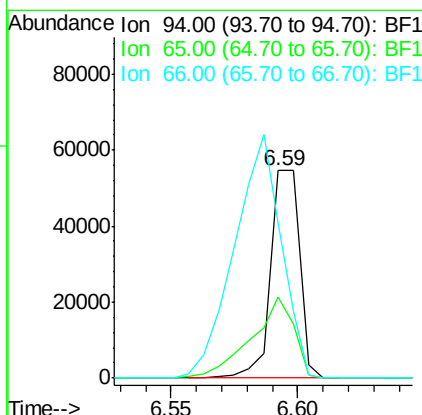
RT: 6.59 min Scan# 766

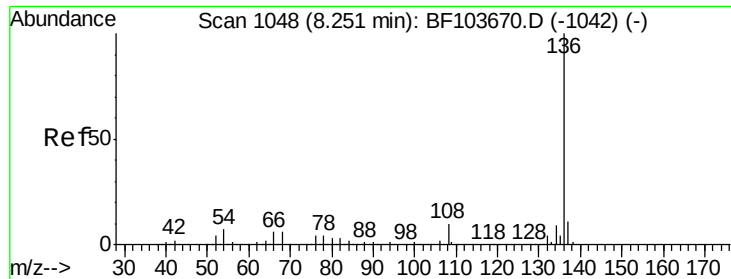
Delta R.T. -0.01 min

Lab File: BF103702.D

Acq: 16 Mar 2018 17:59

Tgt Ion:	94	Resp:	43329
Ion	Ratio	Lower	Upper
94	100		
65	38.8	7.9	47.9
66	74.7	16.2	56.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF103702.D

Acq: 16 Mar 2018 17:59

Instrument :

BNA_F

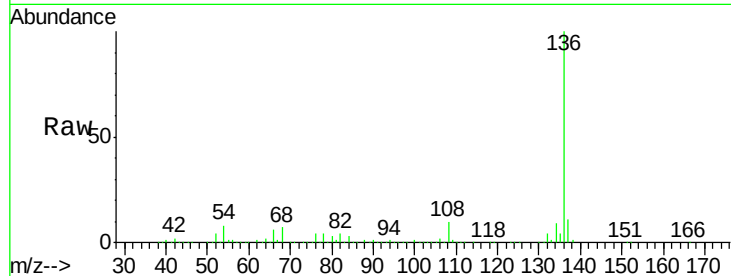
ClientSampleId :

NB-08-031418

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.6	6.6	9.8
68	6.7	5.0	7.4

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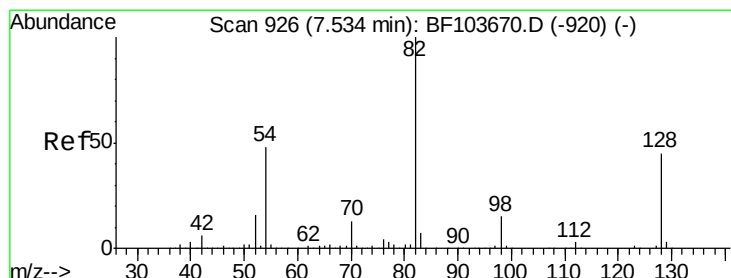
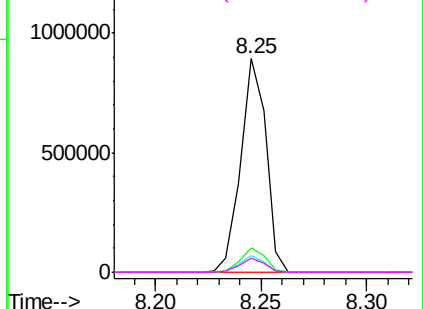
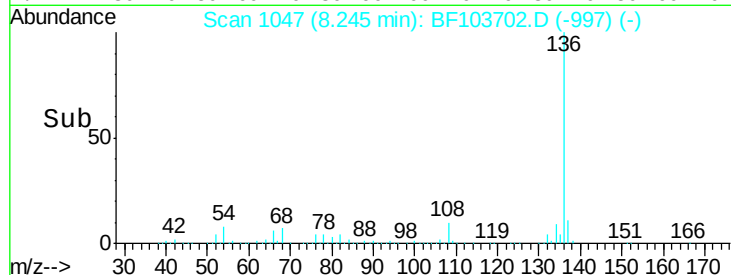


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 84.034 ng

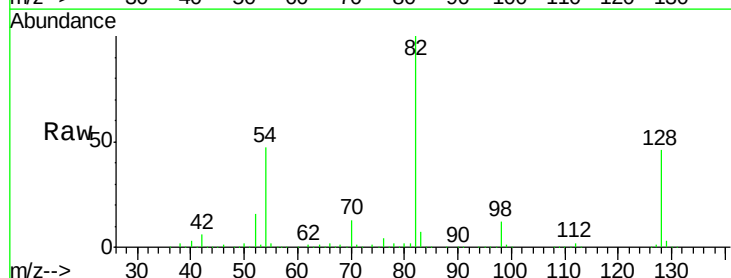
RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF103702.D

Acq: 16 Mar 2018 17:59

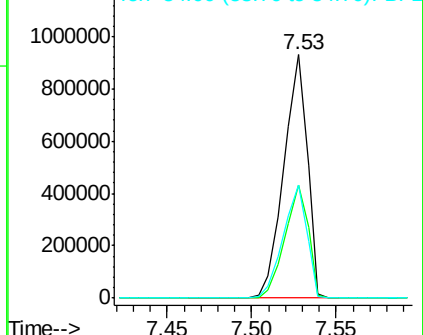
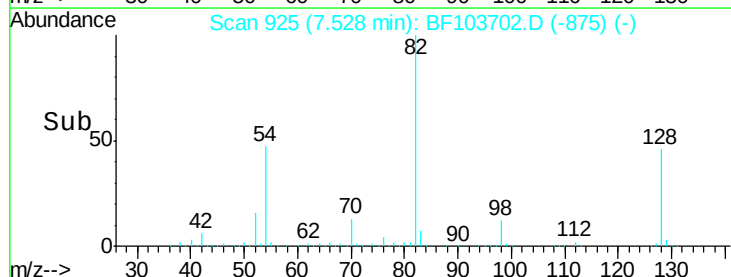
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	46.5	36.1	54.1
54	46.6	41.4	62.2

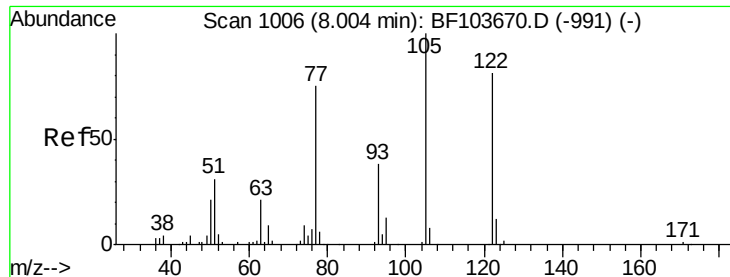


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





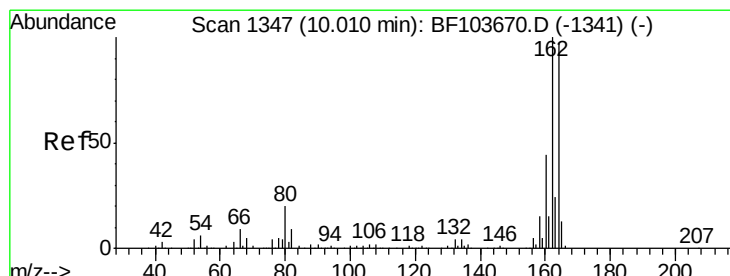
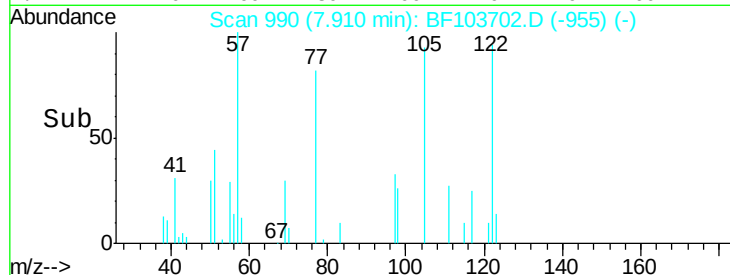
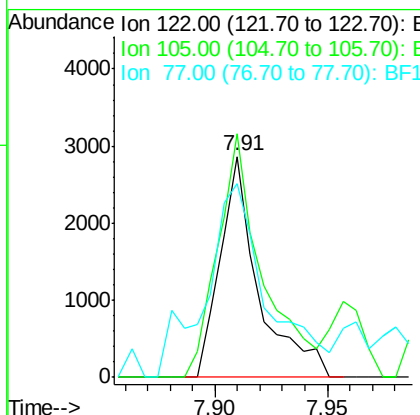
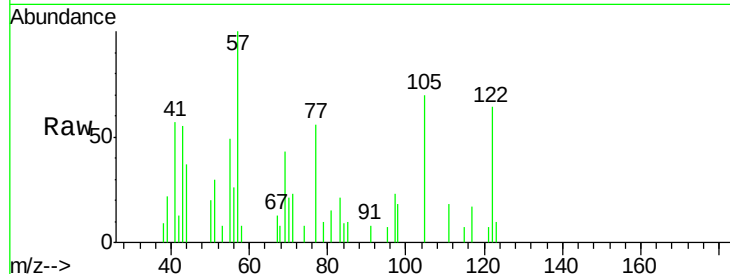
#32
Benzoic acid
Concen: 10.270 ng m
RT: 7.91 min Scan# 990
Delta R.T. -0.09 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
NB-08-031418

Tot Ion	Ratio	Lower	Upper
122	100		
105	110.3	101.1	141.1
77	87.6	70.7	110.7

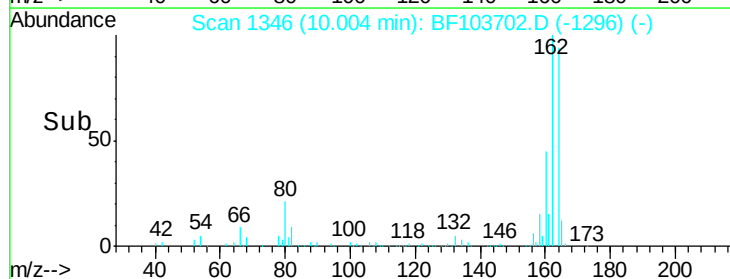
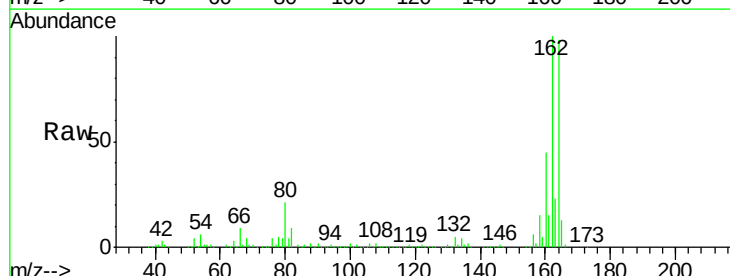
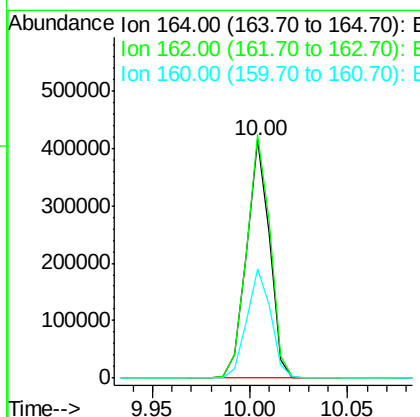
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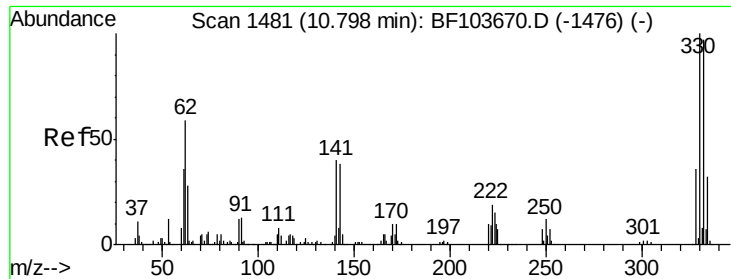
Sohil
3/19/2018 2:00:57 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	46.0	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 105.380 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BF103702.D

Acq: 16 Mar 2018 17:59

Instrument :

BNA_F

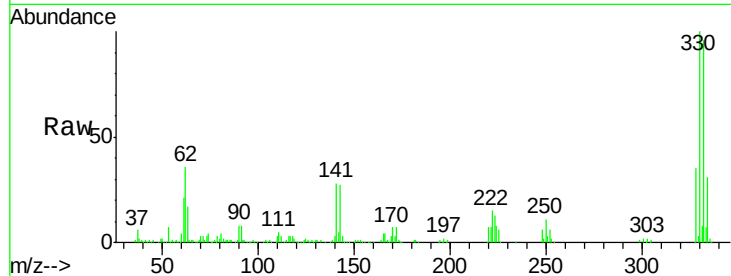
ClientSampleId :

NB-08-031418

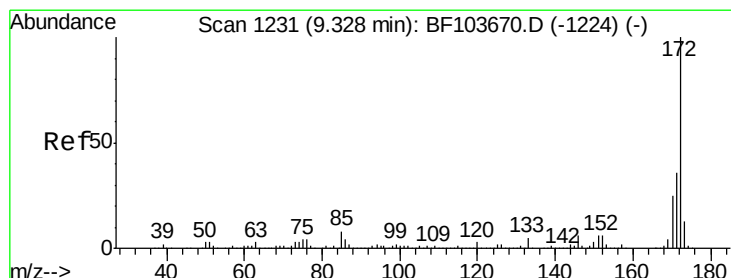
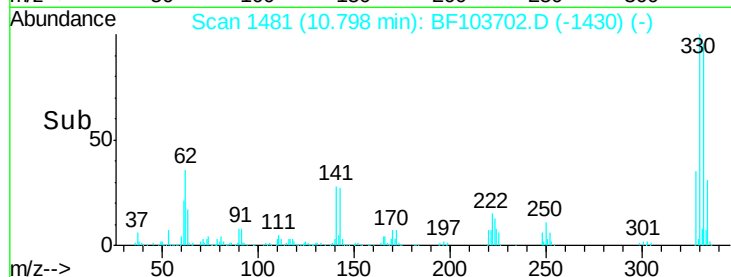
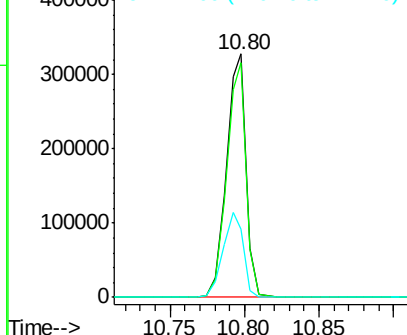
Tot Ion:	330	Resp:	305795
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.0	115.6
141	36.7	29.9	44.9

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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: 64.400 ng

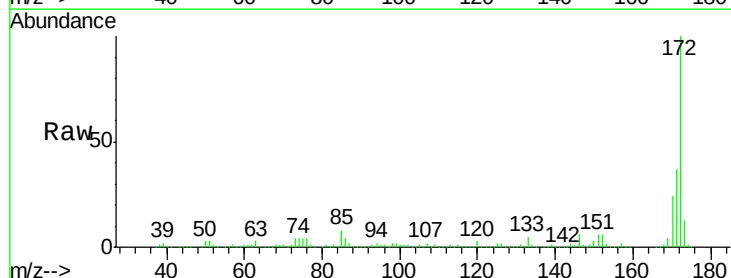
RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

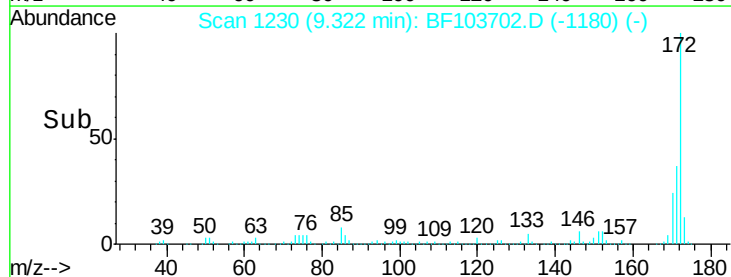
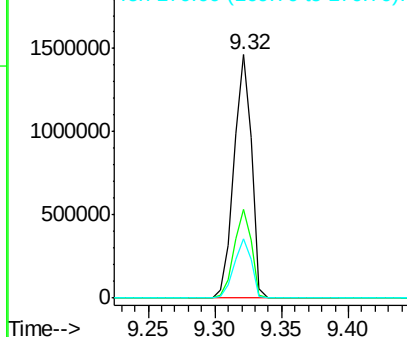
Lab File: BF103702.D

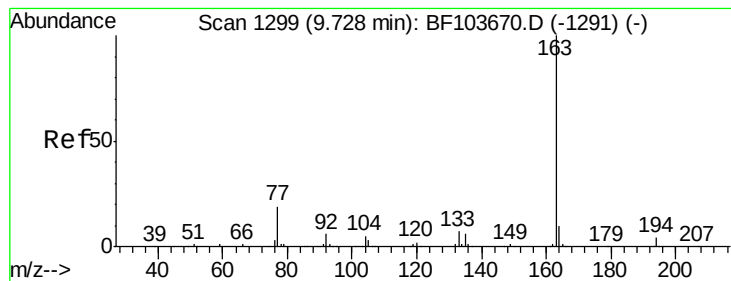
Acq: 16 Mar 2018 17:59

Tgt Ion:	172	Resp:	1362552
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.7	44.5
170	24.2	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





#49

Dimethylphthalate

Concen: 5.104 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF103702.D

Acq: 16 Mar 2018 17:59

Instrument :

BNA_F

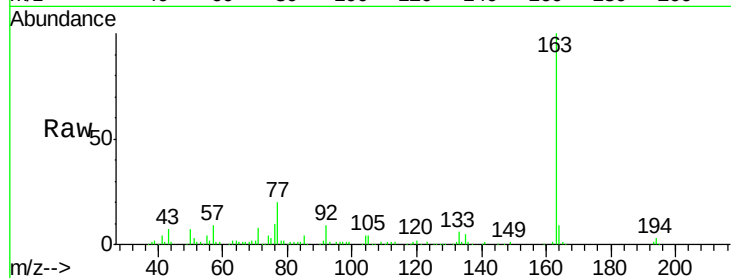
ClientSampleId :

NB-08-031418

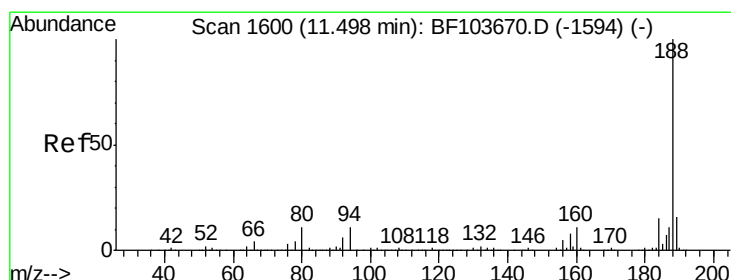
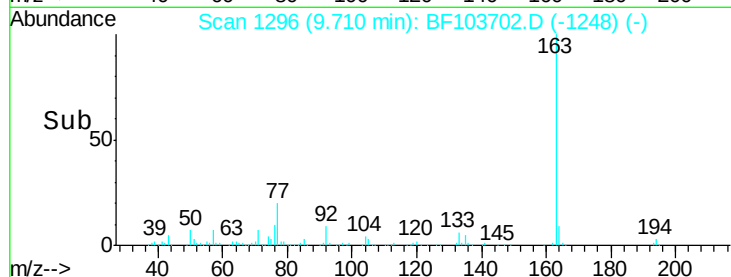
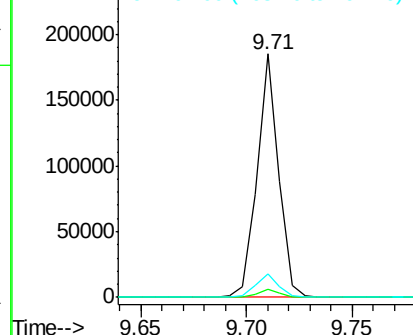
Tot Ion:	163	Resp:	131427
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	9.5	8.2	12.2

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

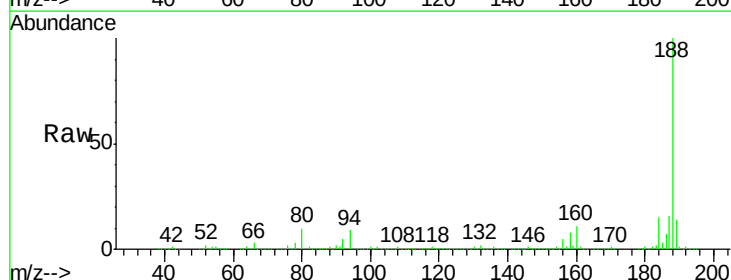
RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

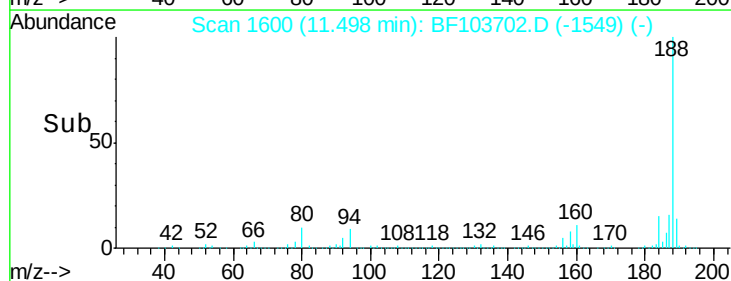
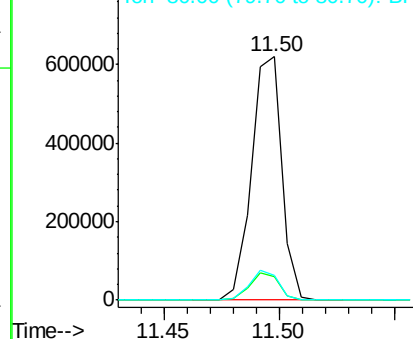
Lab File: BF103702.D

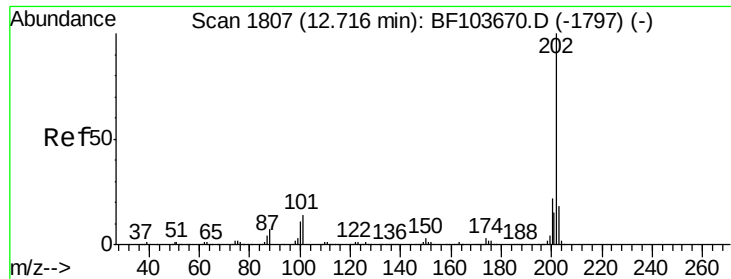
Acq: 16 Mar 2018 17:59

Tgt Ion:	188	Resp:	570316
Ion Ratio	Lower	Upper	
188	100		
94	9.4	8.5	12.7
80	10.4	9.2	13.8



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





#74

Fluoranthene

Concen: 4.572 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF103702.D

Acq: 16 Mar 2018 17:59

Instrument :

BNA_F

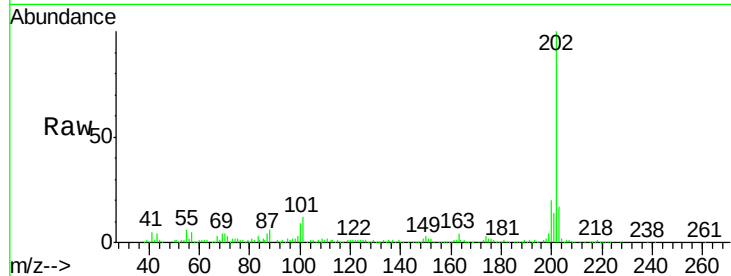
ClientSampleId :

NB-08-031418

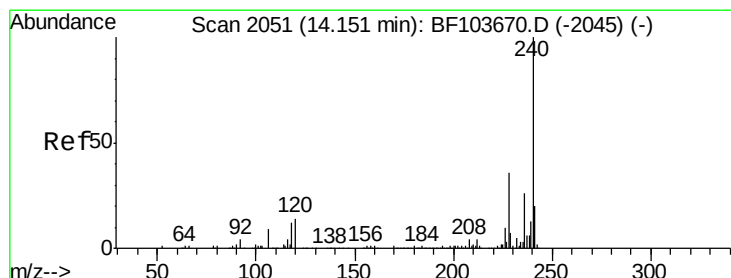
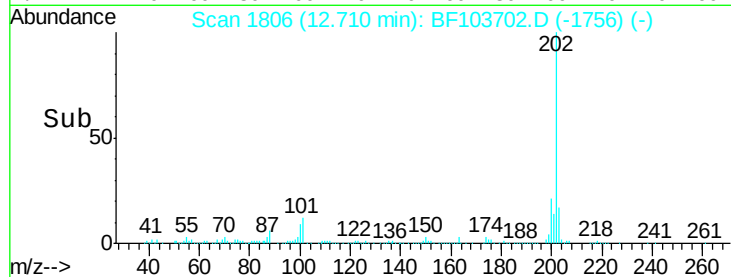
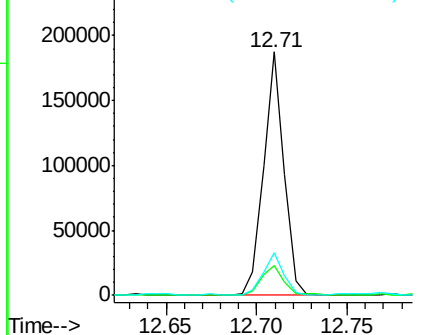
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.4	0.0	34.1
203	17.4	0.0	38.1

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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: 14.14 min Scan# 2050

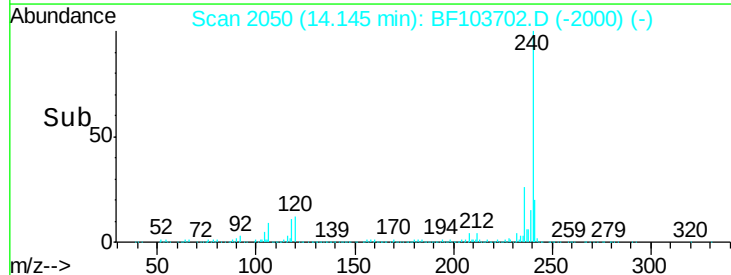
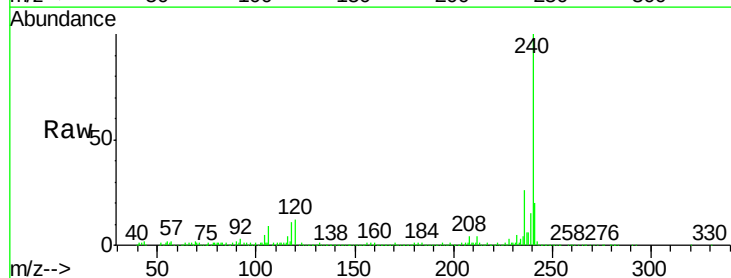
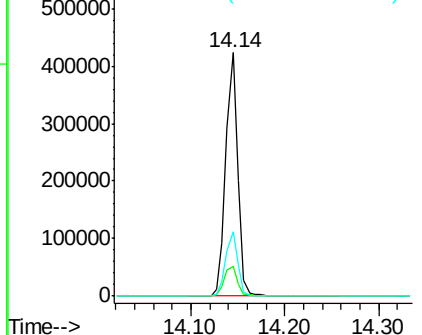
Delta R.T. -0.01 min

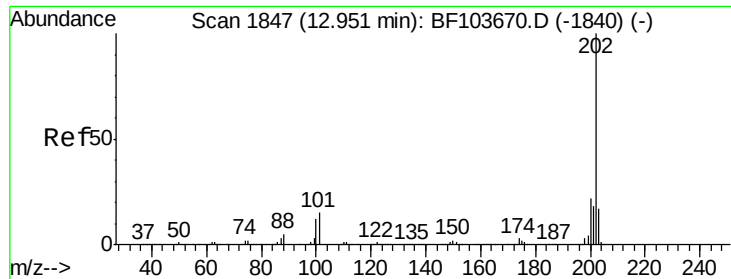
Lab File: BF103702.D

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Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.4	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





#77

Pvrene

Concen: 4.508 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF103702.D

Acq: 16 Mar 2018 17:59

Instrument :

BNA_F

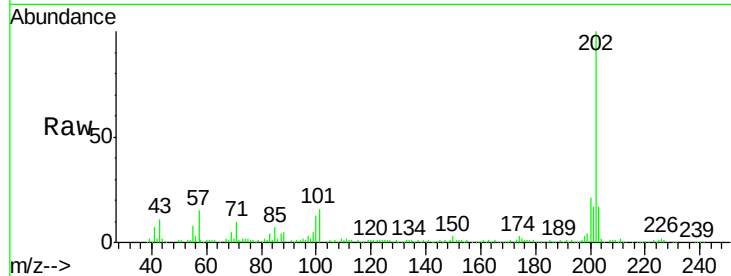
ClientSampleId :

NB-08-031418

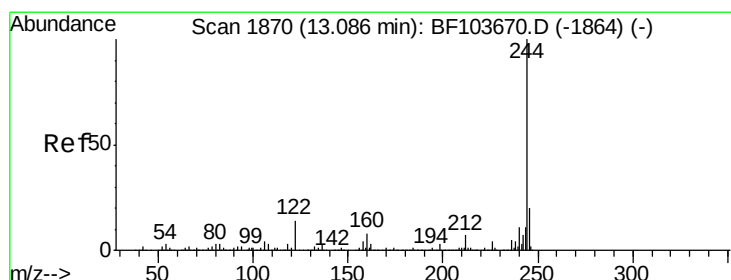
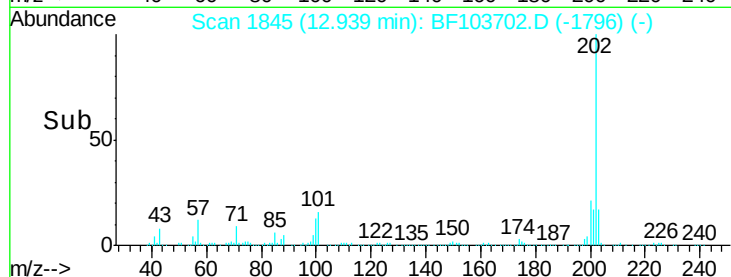
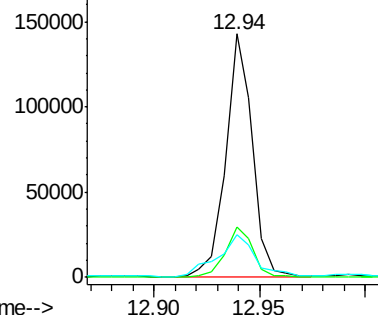
Tot Ion:	202	Resp:	124146
Ion Ratio		Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.3	14.3	21.5

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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: 68.884 ng

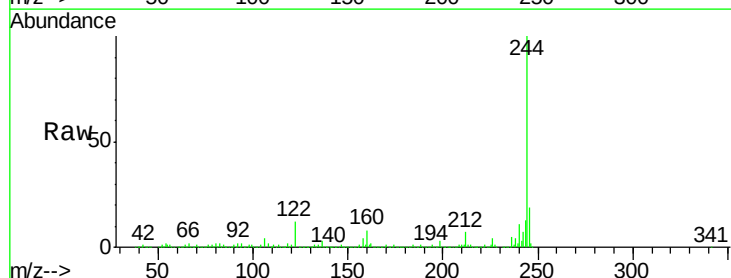
RT: 13.09 min Scan# 1870

Delta R.T. -0.00 min

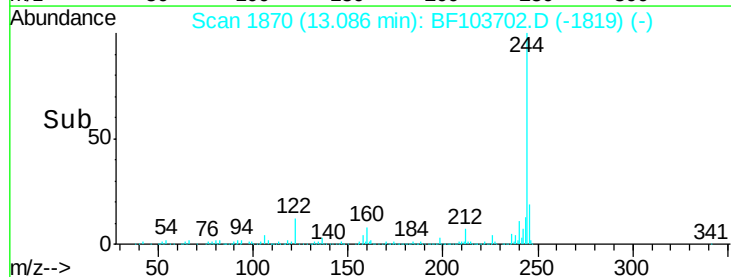
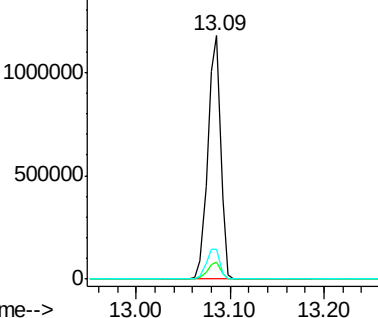
Lab File: BF103702.D

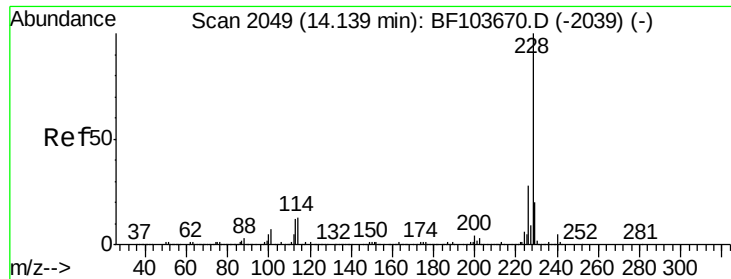
Acq: 16 Mar 2018 17:59

Tgt Ion:	244	Resp:	1112730
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.5	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





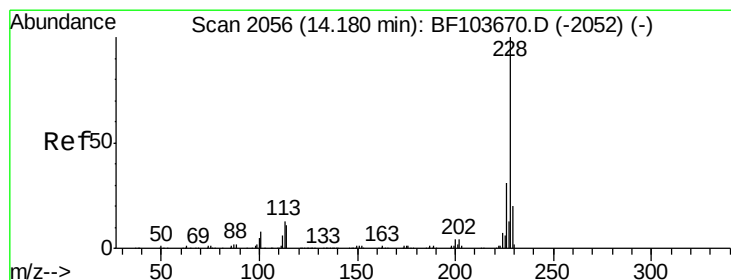
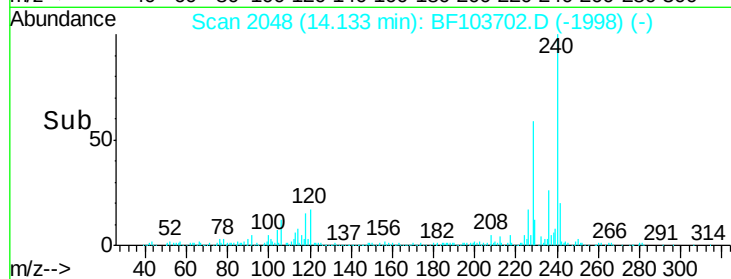
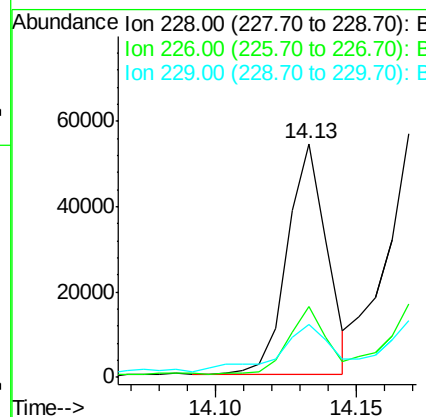
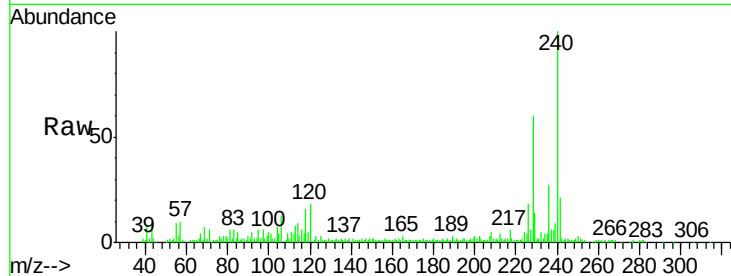
#80
Benzo(a)anthracene
Concen: 2.210 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
NB-08-031418

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	22.8	15.8	23.6

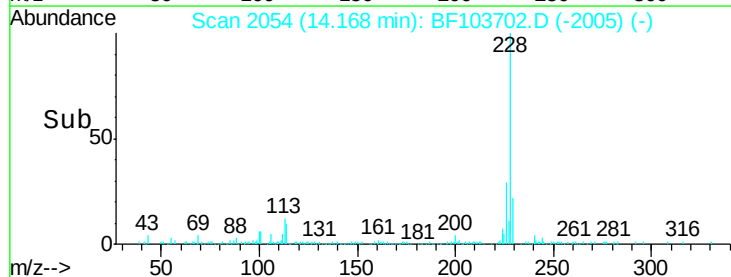
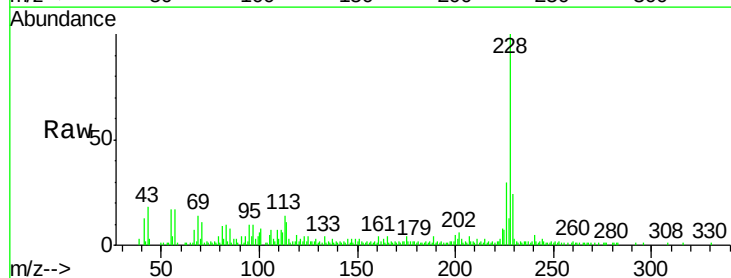
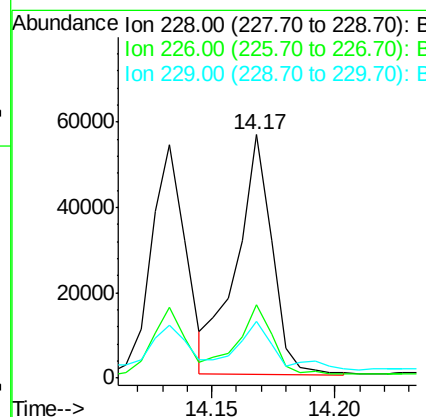
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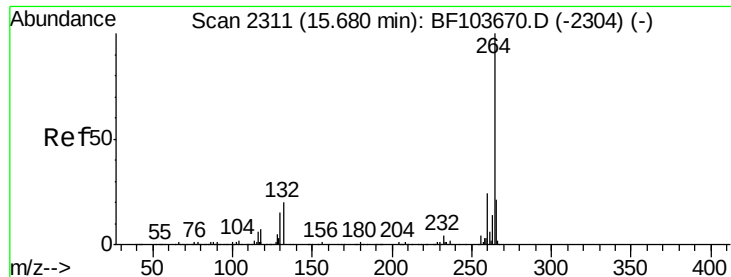
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#82
Chrysene
Concen: 2.506 ng m
RT: 14.17 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	23.5	16.2	24.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.00 min

Lab File: BF103702.D

Acq: 16 Mar 2018 17:59

Instrument :

BNA_F

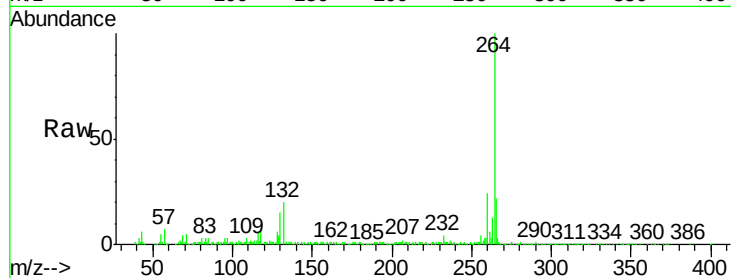
ClientSampleId :

NB-08-031418

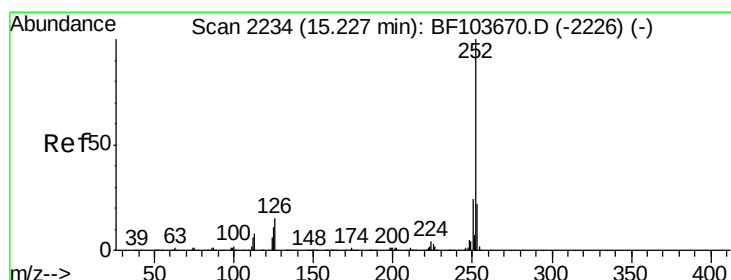
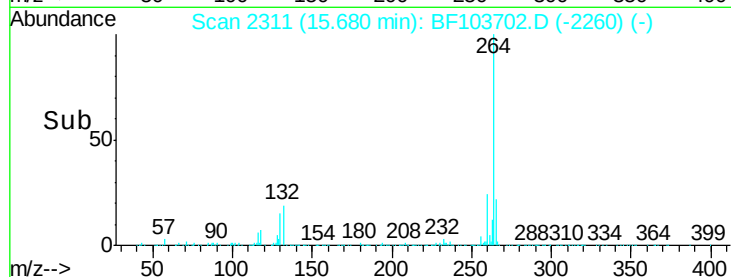
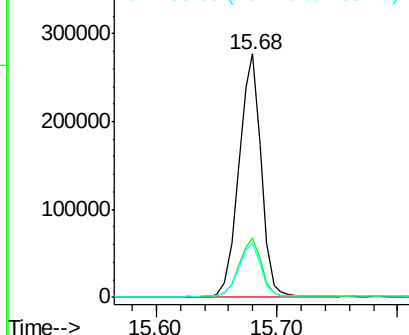
Tot Ion:	264	Resp:	354855
Ion Ratio		Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.0	17.5	26.3

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 3.051 ng

RT: 15.22 min Scan# 2233

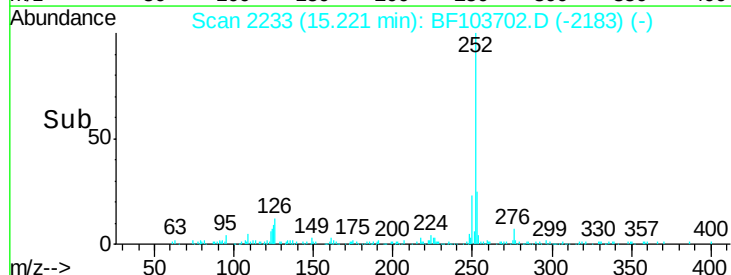
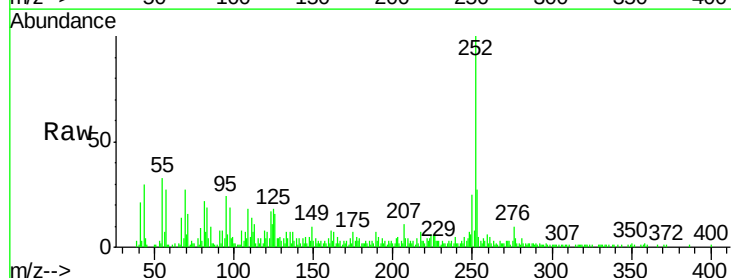
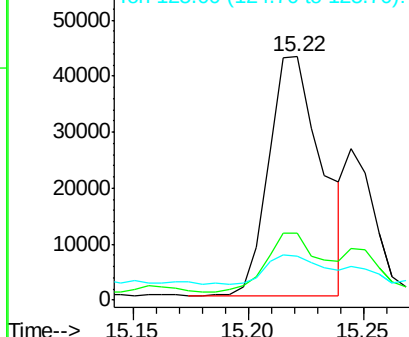
Delta R.T. -0.01 min

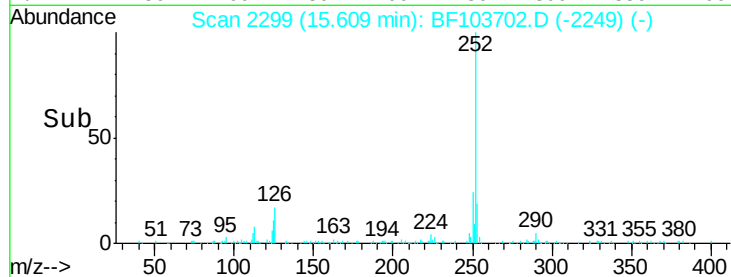
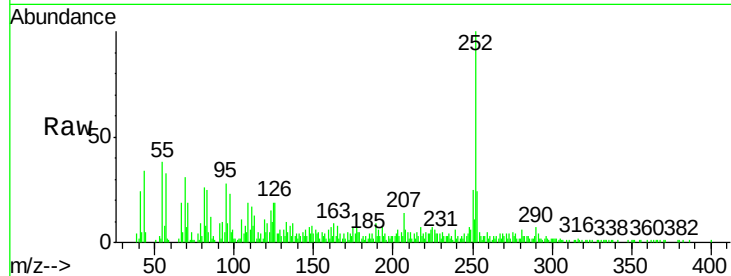
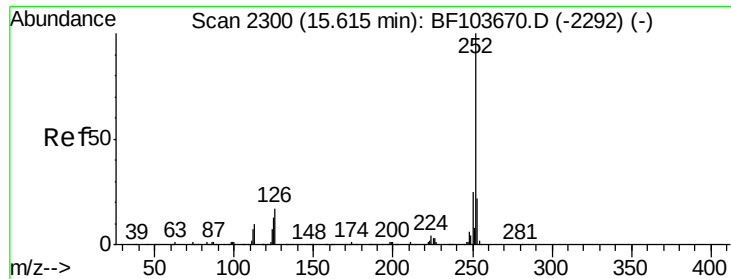
Lab File: BF103702.D

Acq: 16 Mar 2018 17:59

Tgt Ion:	252	Resp:	68410
Ion Ratio		Lower	Upper
252	100		
253	27.4	17.0	25.6#
125	18.1	9.0	13.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.247 ng

RT: 15.61 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BF103702.D

Acq: 16 Mar 2018 17:59

Instrument :

BNA_F

ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	19.2	9.8	14.6

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