

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
 Data File : BF112302.D
 Acq On : 29 Jan 2019 18:29
 Operator : JU/SJ
 Sample : K1266-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 012519-TIPC-F-D-S

Quant Time: Jan 30 00:54:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

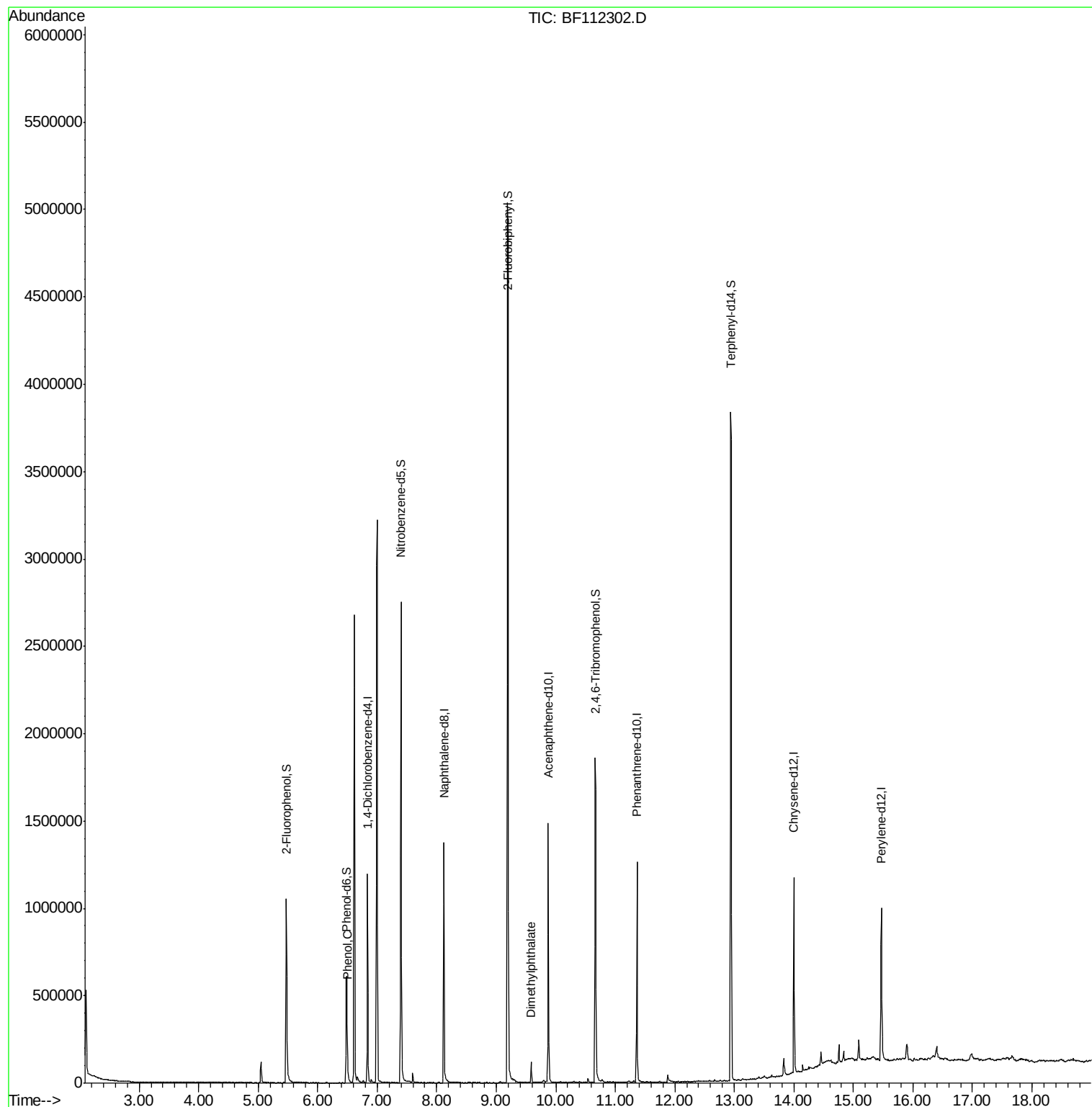
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	178335	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	649319	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	296342	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	491088	20.00	ng	0.00
76) Chrysene-d12	14.00	240	395818	20.00	ng	0.00
87) Perylene-d12	15.47	264	374265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	336760	40.11	ng	0.00
7) Phenol-d6	6.49	99	247348	21.20	ng	0.00
23) Nitrobenzene-d5	7.40	82	981770	87.12	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	262804	76.19	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1753167	83.67	ng	0.00
79) Terphenyl-d14	12.94	244	1354485	64.45	ng	0.00
Target Compounds						
10) Phenol	6.50	94	40477	3.162	ng	# 76
50) Dimethylphthalate	9.59	163	52420	2.277	ng	# 99

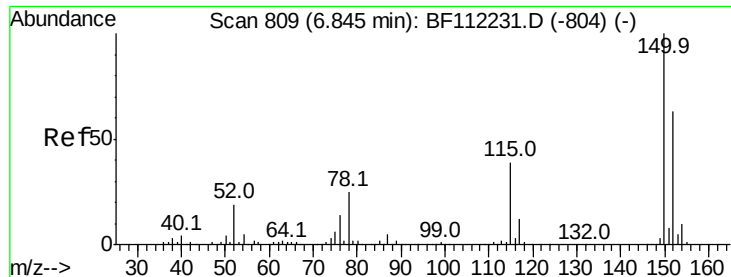
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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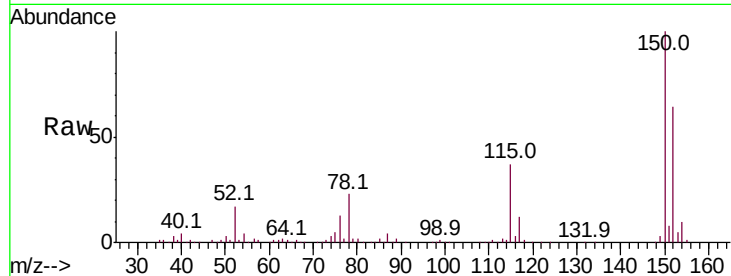


#1

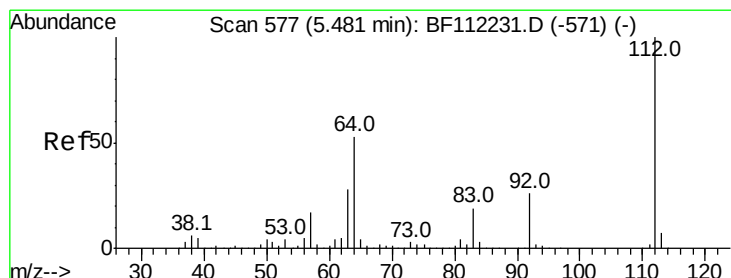
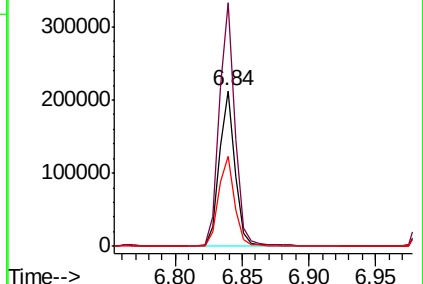
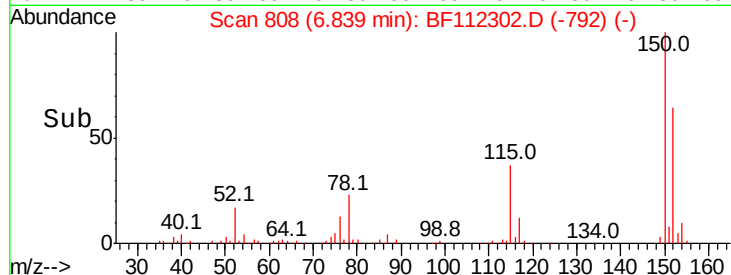
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

Instrument :
BNA_F
ClientSampleId :
012519-TIPC-F-D-S

Tot Ion:152 Resp: 178335
Ion Ratio Lower Upper
152 100
150 156.4 127.4 191.0
115 58.1 45.5 68.3



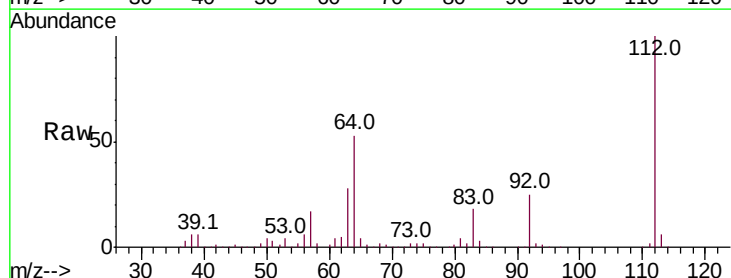
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



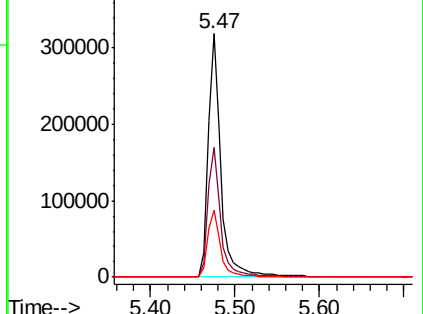
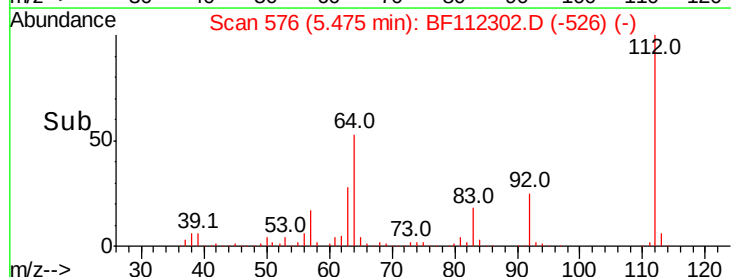
#5

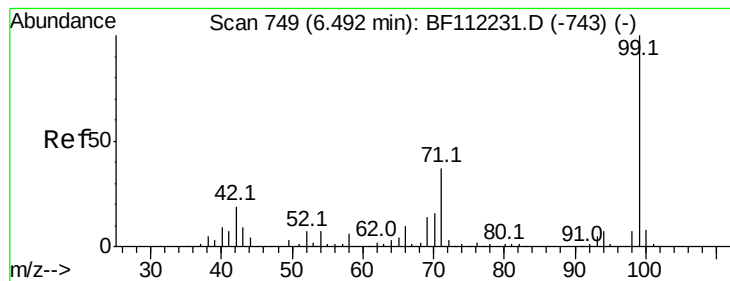
2-Fluorophenol
Concen: 40.110 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

Tgt Ion:112 Resp: 336760
Ion Ratio Lower Upper
112 100
64 53.4 45.7 68.5
63 27.7 23.6 35.4



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: 21.201 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112302.D

Acq: 29 Jan 2019 18:29

Instrument :

BNA_F

ClientSampleId :

012519-TIPC-F-D-S

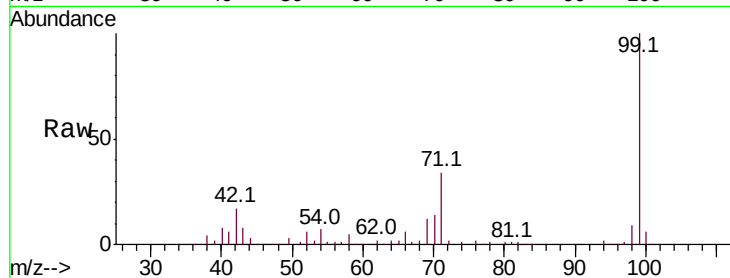
Tot Ion: 99 Resp: 247348

Ion Ratio Lower Upper

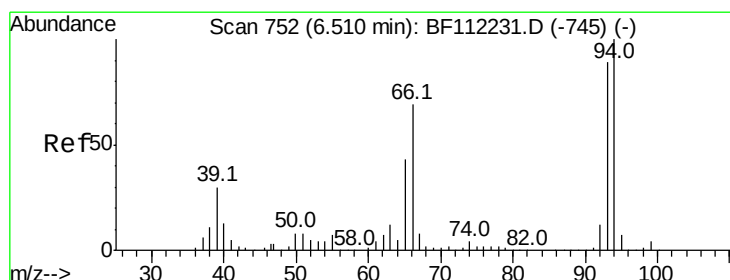
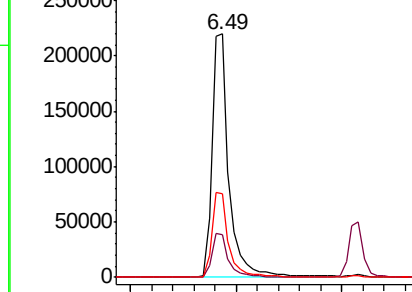
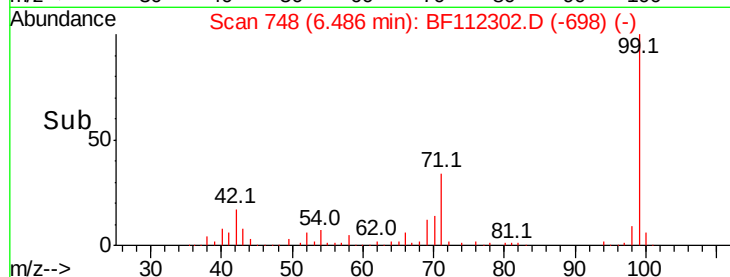
99 100

42 17.4 15.1 22.7

71 34.3 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.162 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112302.D

Acq: 29 Jan 2019 18:29

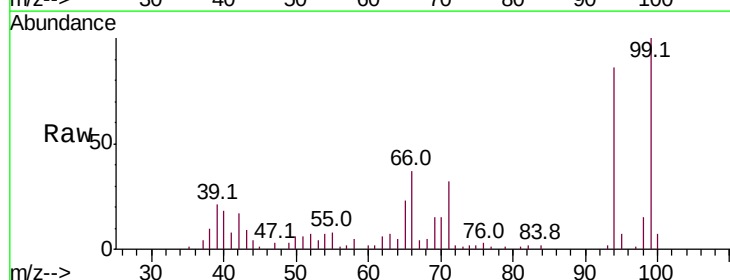
Tgt Ion: 94 Resp: 40477

Ion Ratio Lower Upper

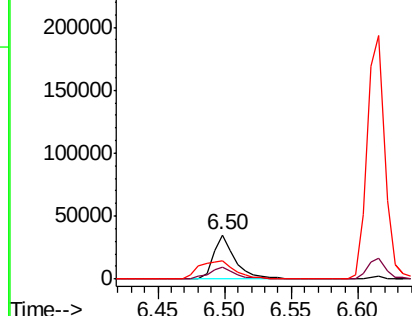
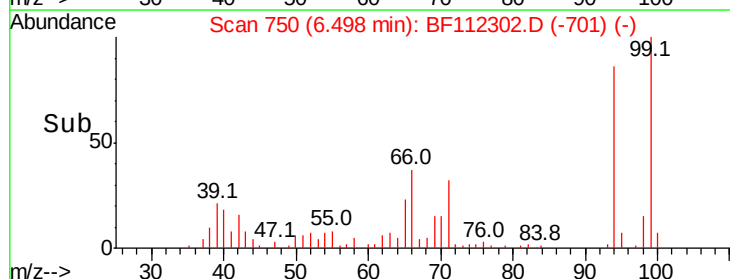
94 100

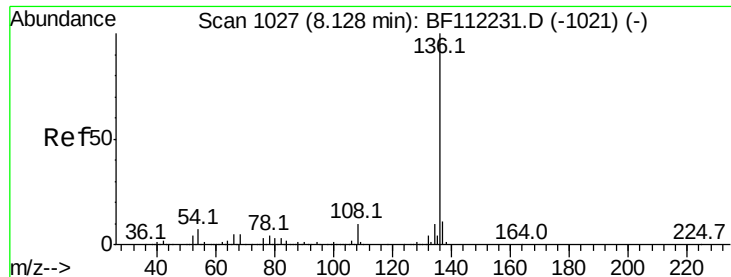
65 27.0 20.3 60.3

66 42.3 42.4 82.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

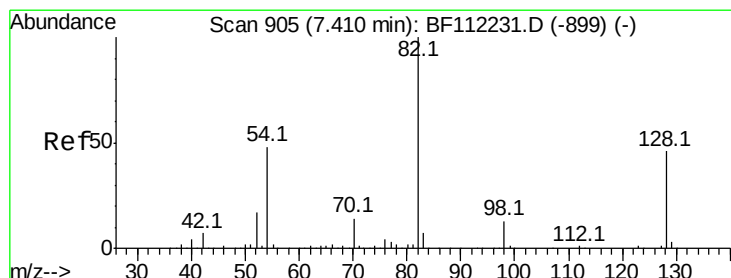
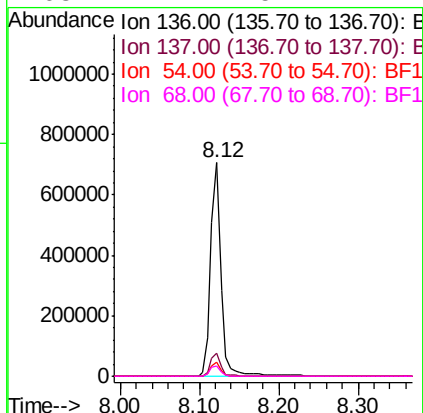
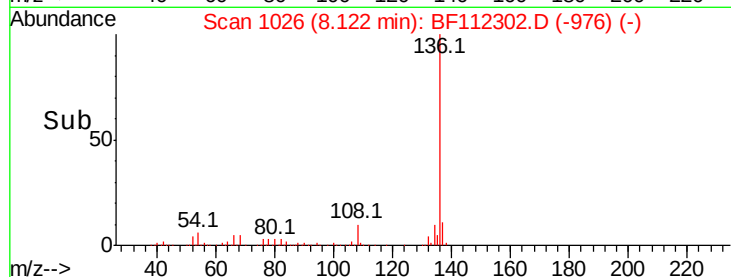
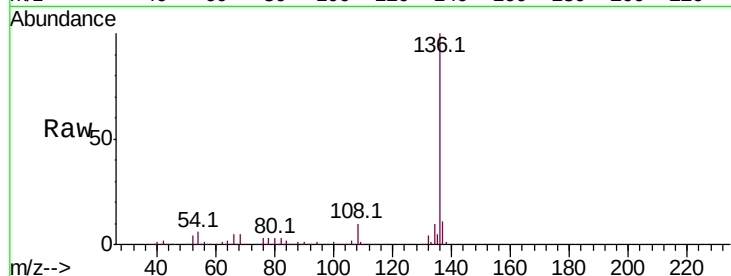




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

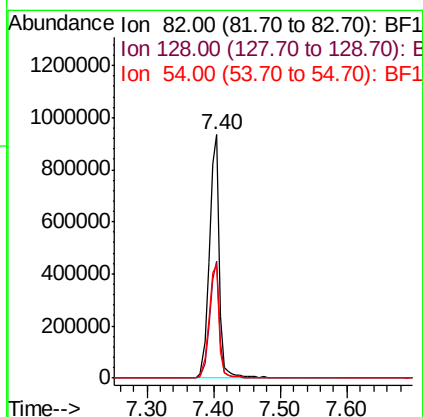
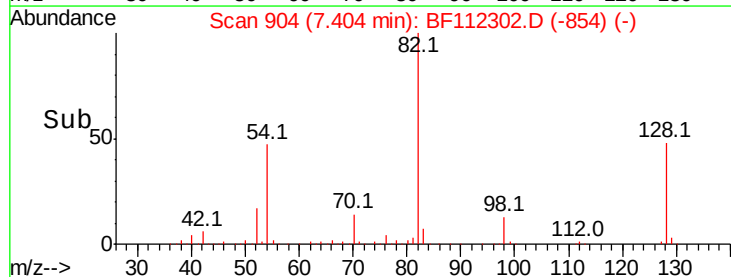
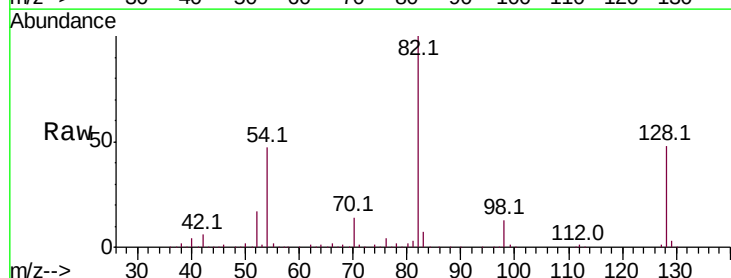
Instrument :
BNA_F
ClientSampleId :
012519-TIPC-F-D-S

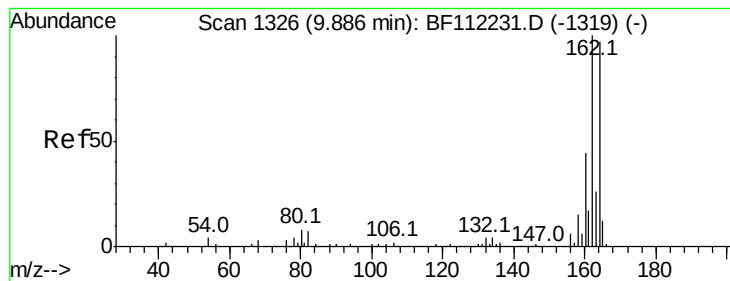
Tot Ion:136	Resp: 649319
Ion Ratio	Lower Upper
136 100	
137 10.9	9.1 13.7
54 6.4	5.9 8.9
68 4.7	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 87.121 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

Tgt Ion: 82	Resp: 981770
Ion Ratio	Lower Upper
82 100	
128 47.9	37.8 56.8
54 46.6	39.7 59.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112302.D

Acq: 29 Jan 2019 18:29

Instrument :

BNA_F

ClientSampleId :

012519-TIPC-F-D-S

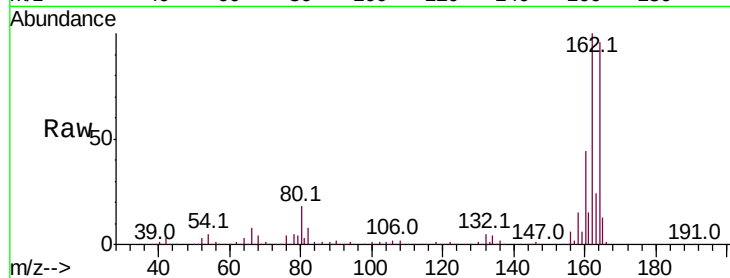
Tot Ion:164 Resp: 296342

Ion Ratio Lower Upper

164 100

162 103.7 82.2 123.4

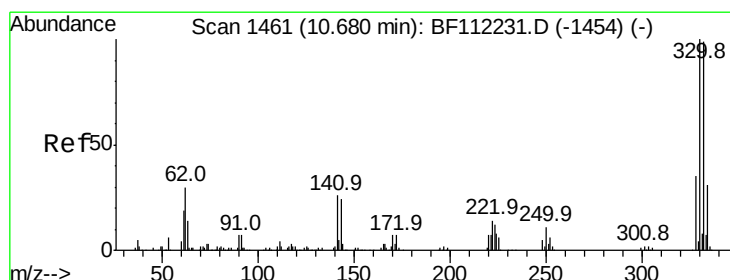
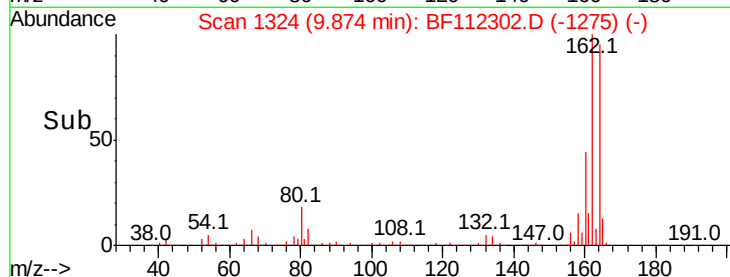
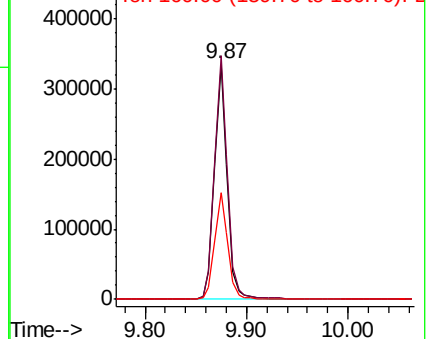
160 45.4 36.2 54.4



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



#42

2,4,6-Tribromophenol

Concen: 76.190 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112302.D

Acq: 29 Jan 2019 18:29

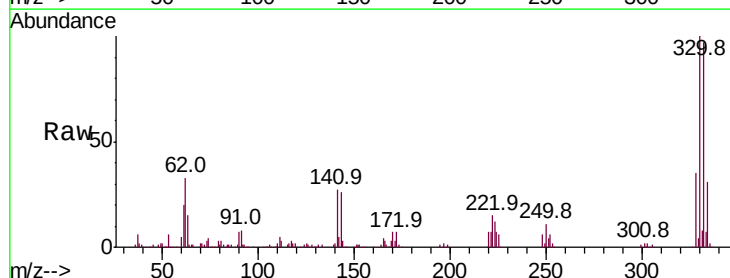
Tgt Ion:330 Resp: 262804

Ion Ratio Lower Upper

330 100

332 95.3 76.6 114.8

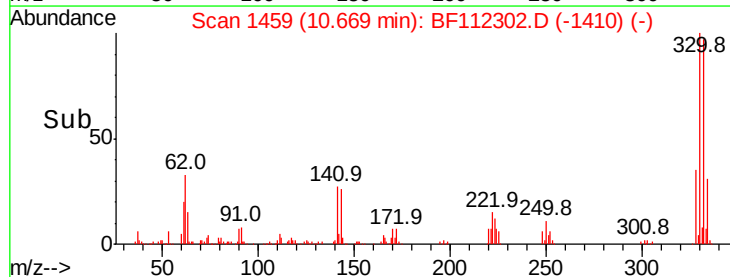
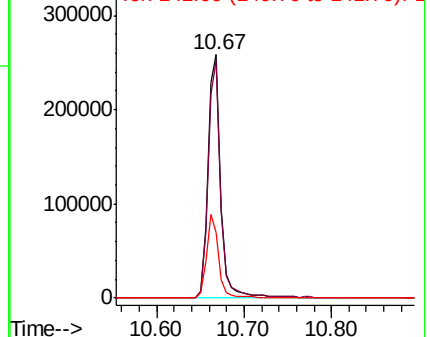
141 32.8 24.3 36.5

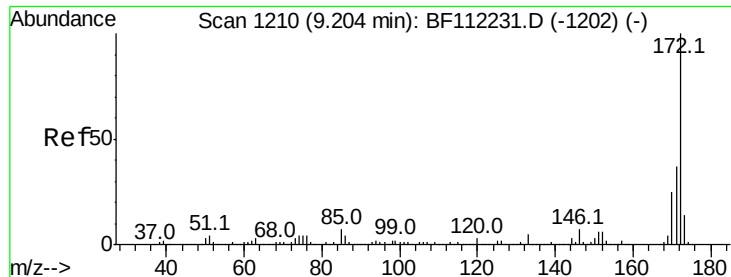


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



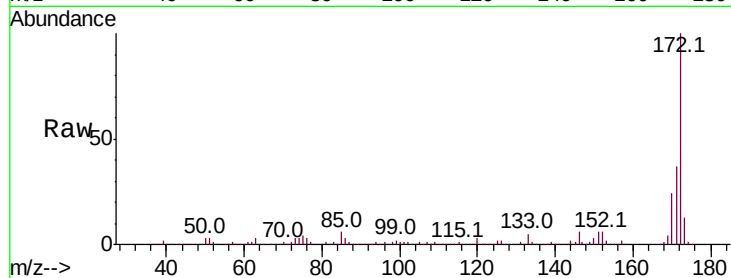


#45
2-Fluorobiphenyl
Concen: 83.673 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

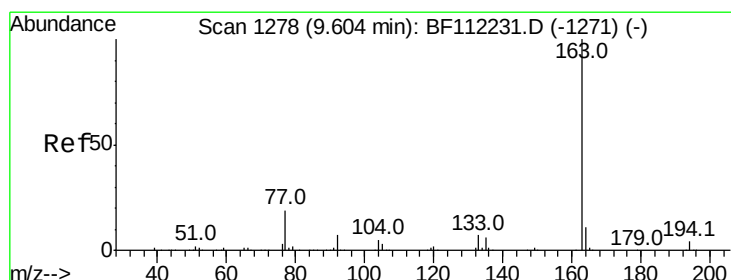
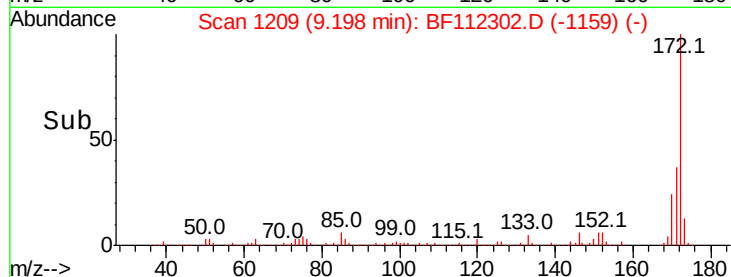
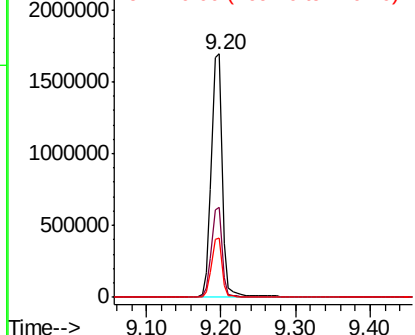
Instrument :
BNA_F
ClientSampleId :
012519-TIPC-F-D-S

Tot Ion:172 Resp: 1753167

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	24.1	20.2	30.4



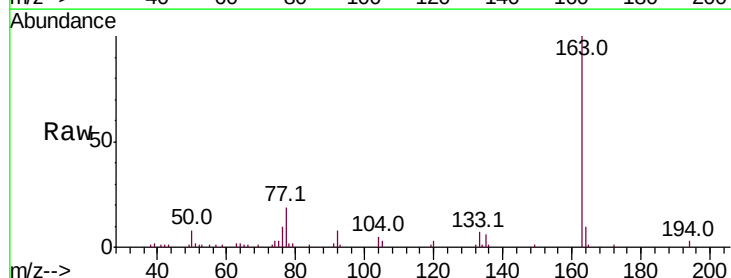
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



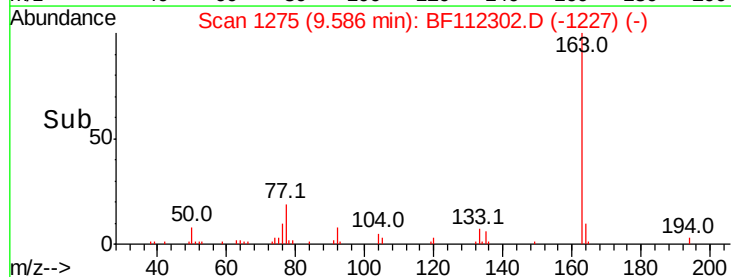
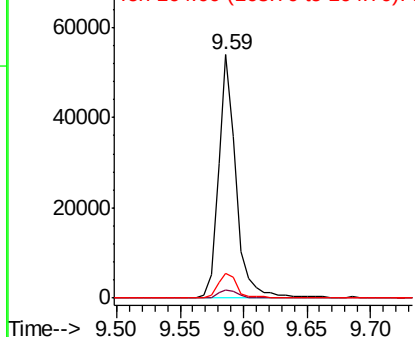
#50
Dimethylphthalate
Concen: 2.277 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

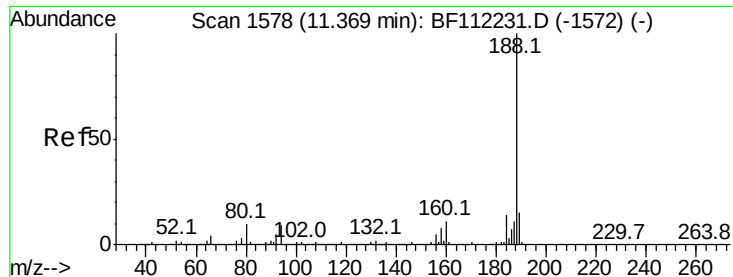
Tgt Ion:163 Resp: 52420

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.3	4.9#
164	10.3	8.5	12.7



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

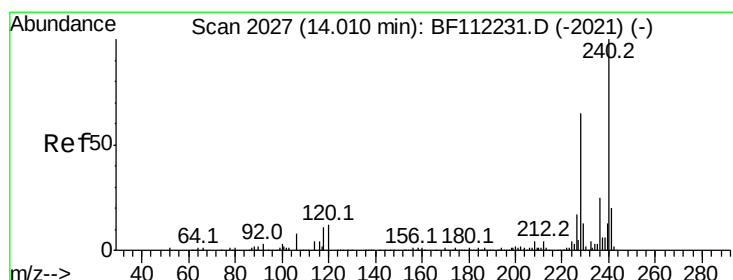
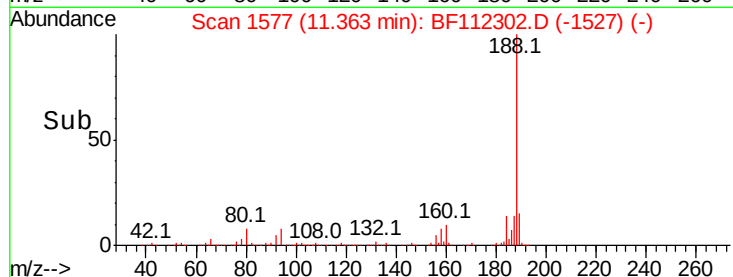
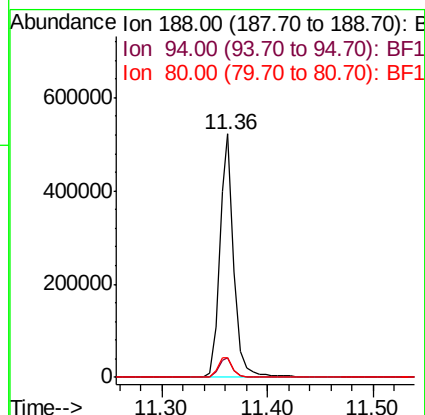
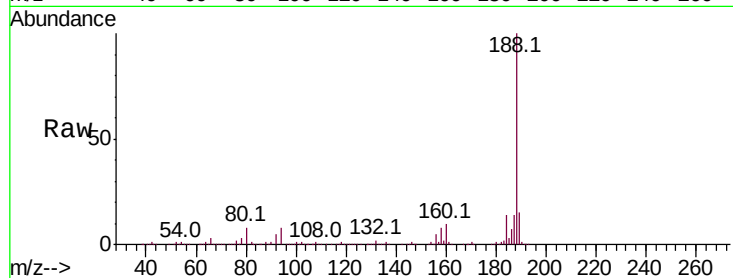




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

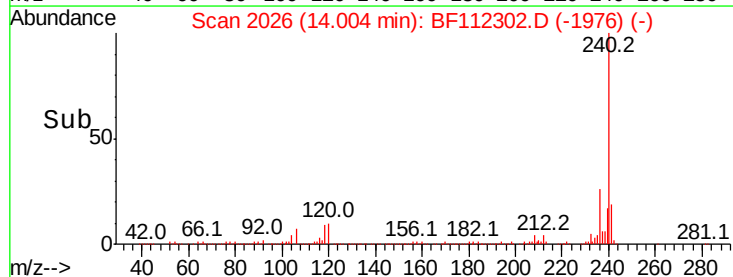
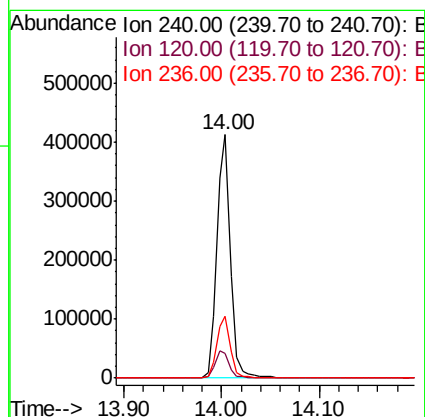
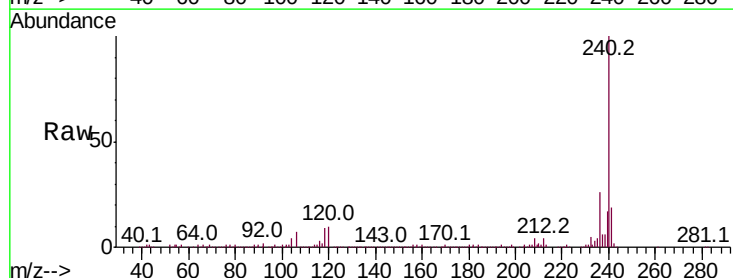
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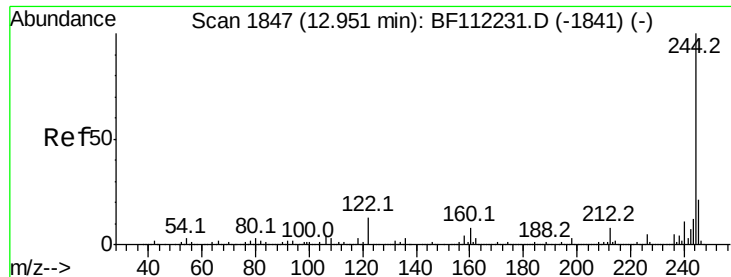
Tot Ion	188	Ratio	100	Resp	491088
Ion	188	Ratio	100	Lower	Upper
	94	7.9	8.2	12.2#	
	80	8.2	8.9	13.3#	



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

Tgt Ion	240	Ratio	100	Resp	395818
Ion	240	Ratio	100	Lower	Upper
	120	10.3	9.0	13.6	
	236	25.6	20.7	31.1	



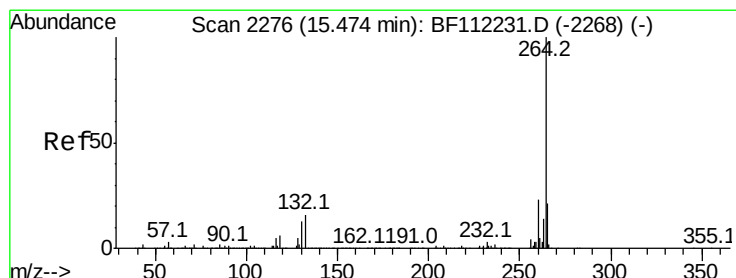
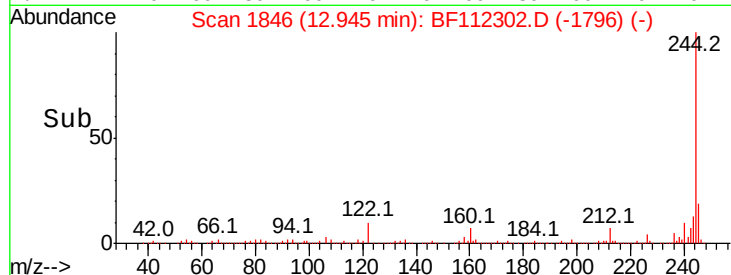
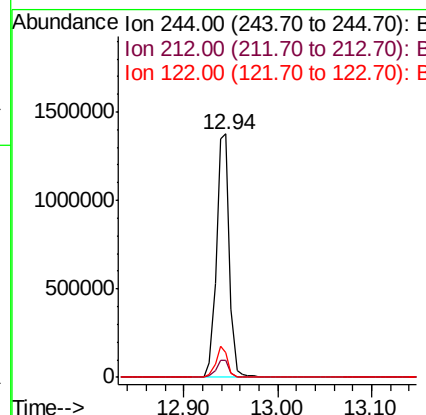
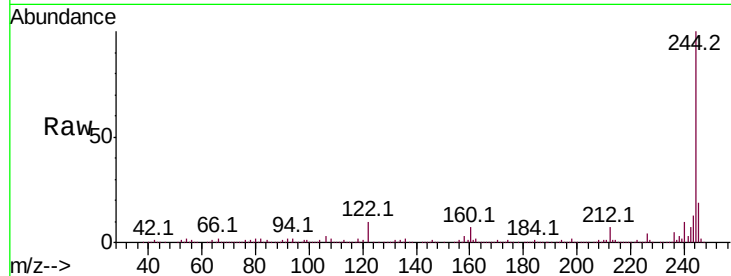


#79
 Terphenyl-d14
 Concen: 64.451 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112302.D
 Acq: 29 Jan 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :
 012519-TIPC-F-D-S

Tot Ion:244 Resp: 1354485

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	10.1	9.8	14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112302.D
 Acq: 29 Jan 2019 18:29

Tgt Ion:264 Resp: 374265

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	22.3	17.0	25.4

