

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104383.D
 Acq On : 9 Apr 2018 20:09
 Operator : JU/SJ
 Sample : J2158-01 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-040618

Manual Integrations
 APPROVED

Sohil
 4/10/2018 12:00:26 PM

Quant Time: Apr 10 03:11:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	146970	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	574156	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	237839	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	342250	20.00	ng	0.00
75) Chrysene-d12	13.98	240	276431	20.00	ng	0.00
86) Perylene-d12	15.44	264	195791	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	340674	35.44	ng	0.00
7) Phenol-d6	6.43	99	428968	36.32	ng	0.00
23) Nitrobenzene-d5	7.37	82	242726	27.60	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	76819	31.14	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	455406	30.25	ng	0.00
78) Terphenyl-d14	12.93	244	310586	25.62	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	47437	2.529	ng	99
70) Phenanthrene	11.36	178	58758	3.083	ng	98
74) Fluoranthene	12.55	202	122246	6.139	ng	97
77) Pyrene	12.78	202	129547	6.322	ng	98
80) Benzo(a)anthracene	13.97	228	70763	4.285	ng	# 91
82) Chrysene	14.00	228	63646	3.752	ng	96
87) Benzo(b)fluoranthene	15.02	252	71549m	5.786	ng	
89) Benzo(a)pyrene	15.38	252	47532	4.296	ng	# 84
91) Benzo(g,h,i)perylene	17.33	276	28958	3.289	ng	# 92

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

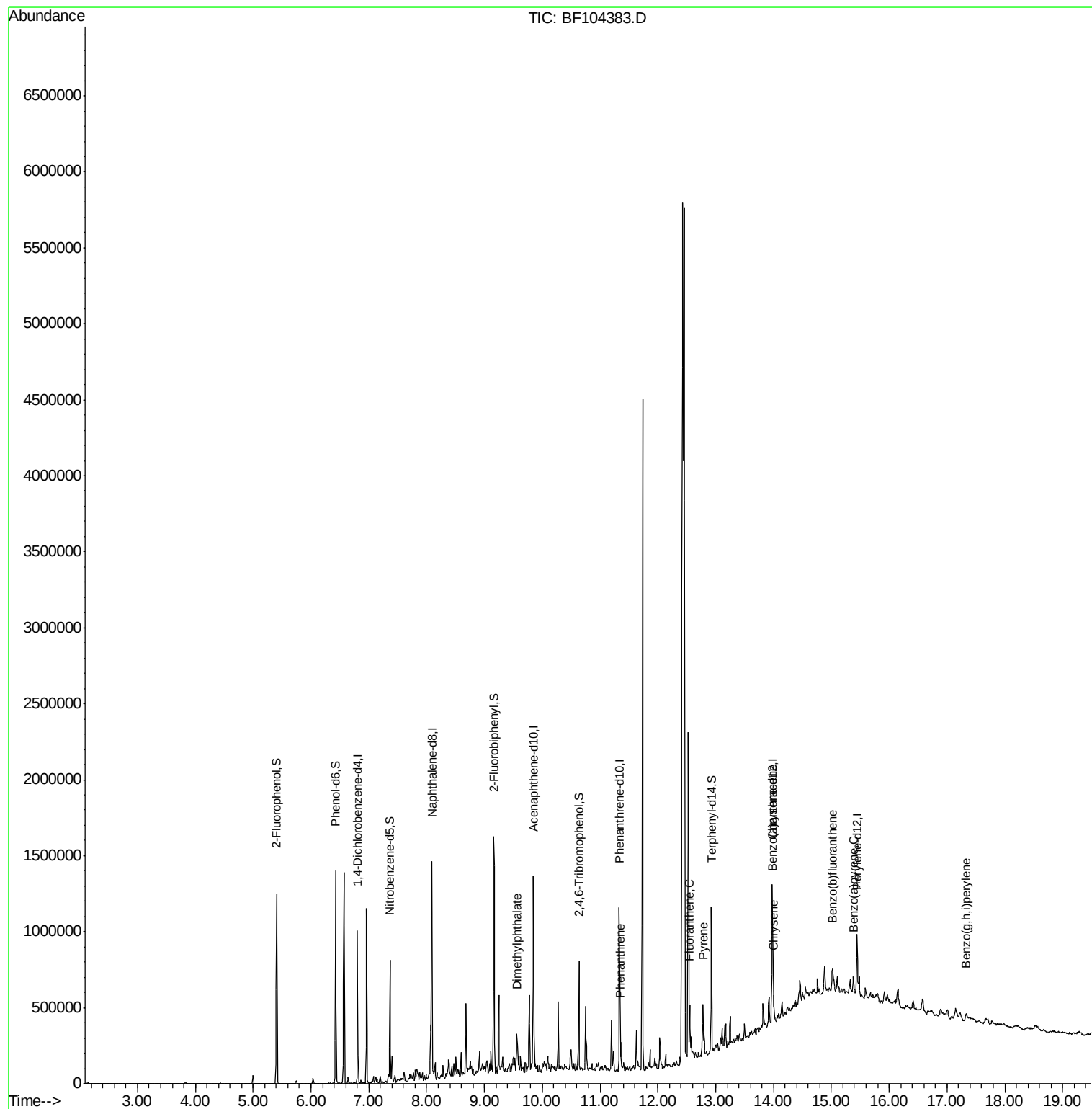
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104383.D
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Operator : JU/SJ
Sample : J2158-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

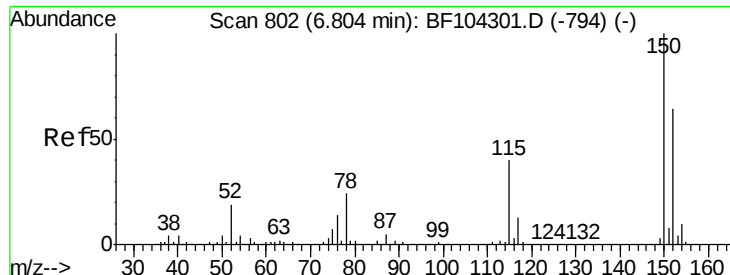
Instrument :
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ClientSampleId :
OK-03-040618

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#1

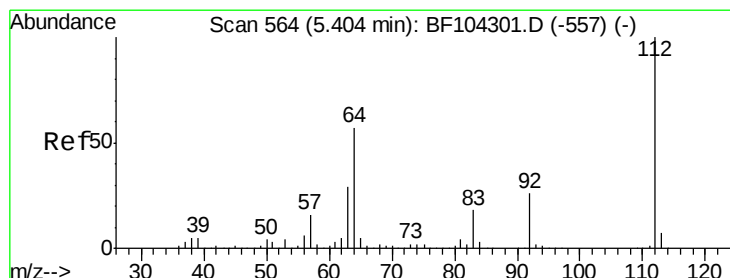
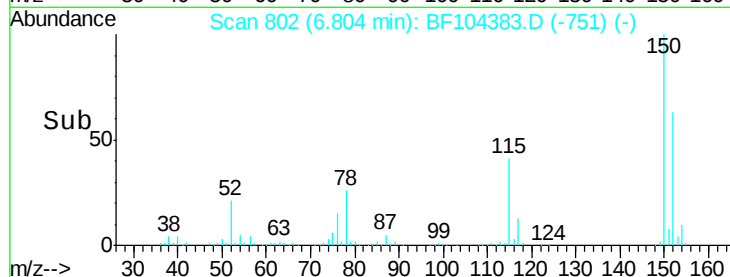
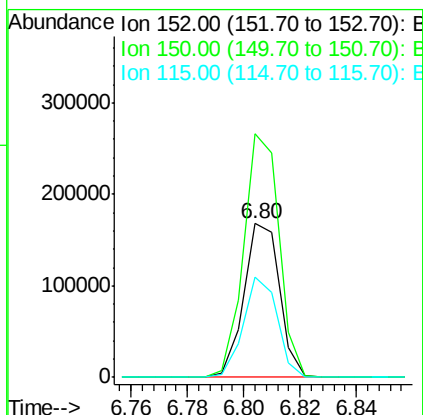
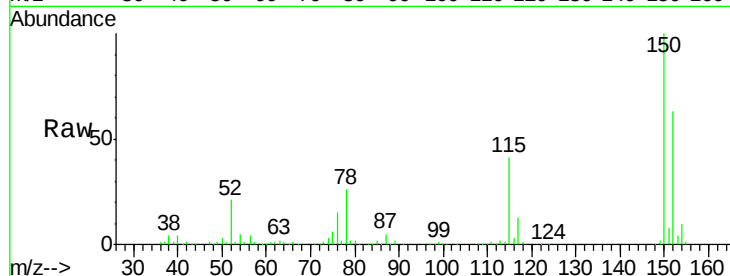
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Instrument :
BNA_F
ClientSampleId :
OK-03-040618

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	64.9	50.1	75.1

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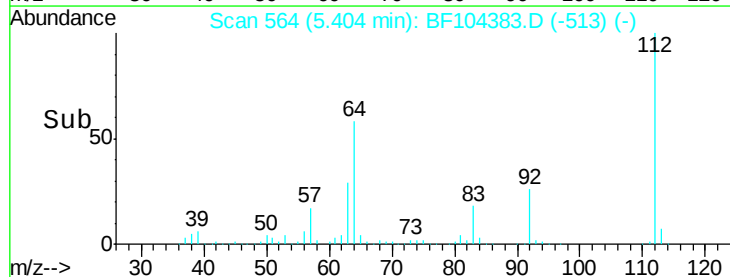
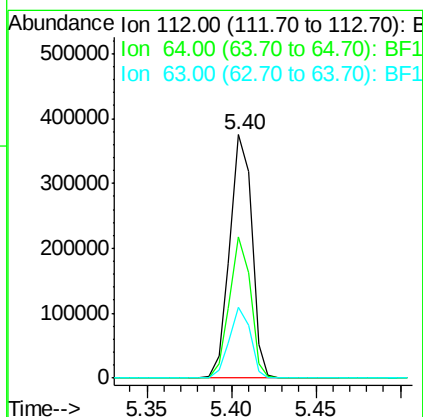
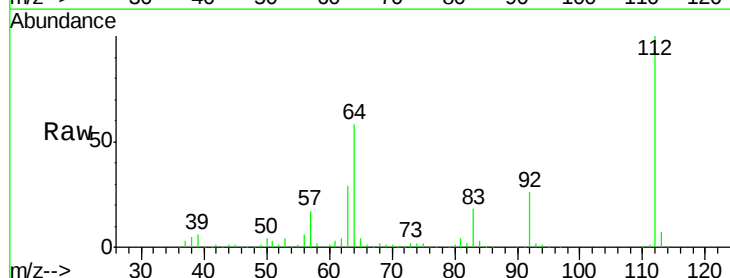
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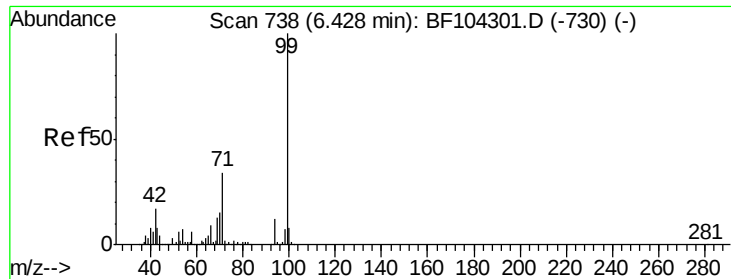


#5

2-Fluorophenol
Concen: 35.443 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	28.8	23.7	35.5





#7

Phenol-d6

Concen: 36.323 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF104383.D

Acq: 9 Apr 2018 20:09

Instrument :

BNA_F

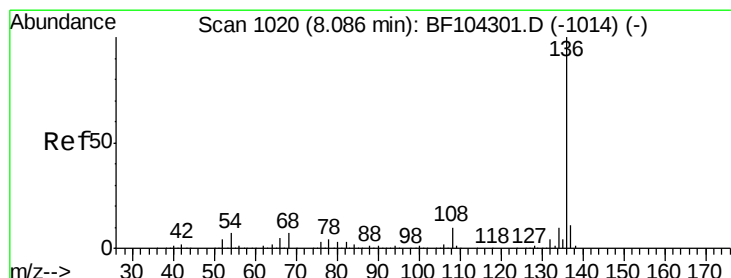
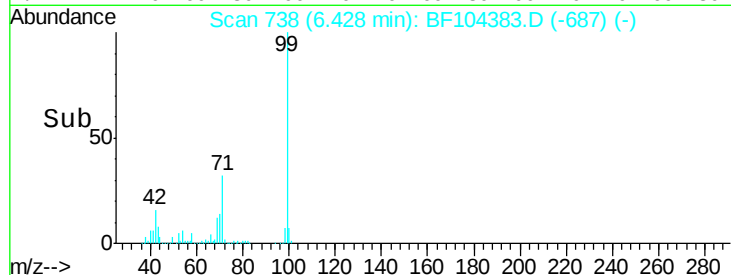
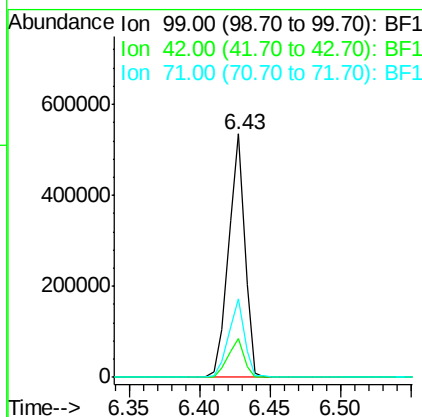
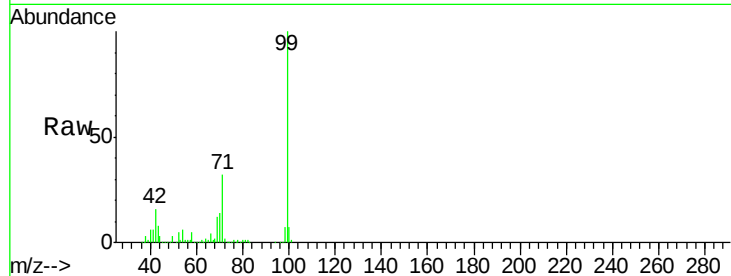
ClientSampleId :

OK-03-040618

Tot Ion:	99	Resp:	428968
Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	32.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

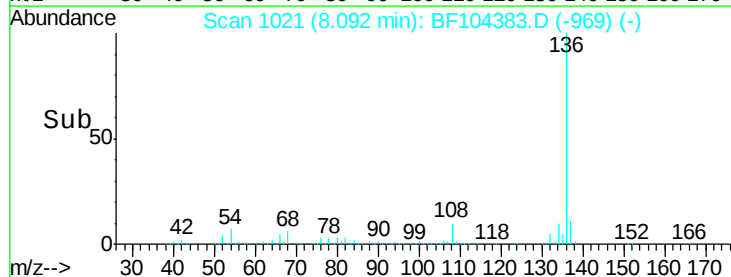
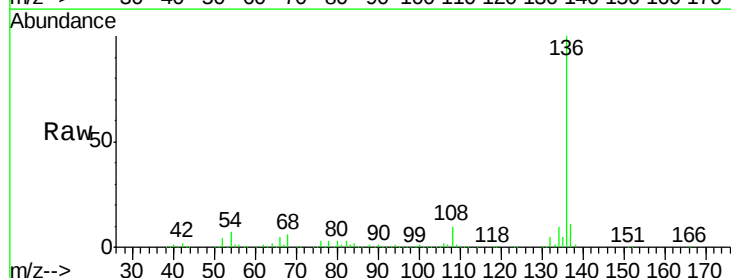
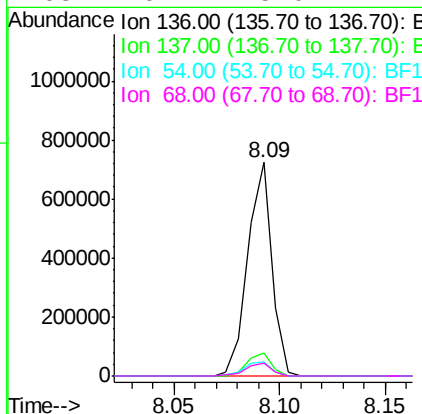
RT: 8.09 min Scan# 1021

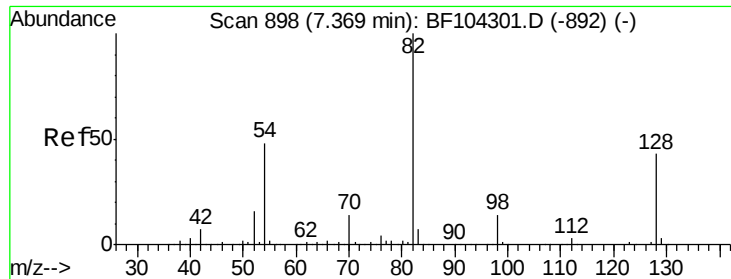
Delta R.T. 0.01 min

Lab File: BF104383.D

Acq: 9 Apr 2018 20:09

Tgt Ion:	136	Resp:	574156
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.6	6.6	9.8
68	6.2	5.0	7.4





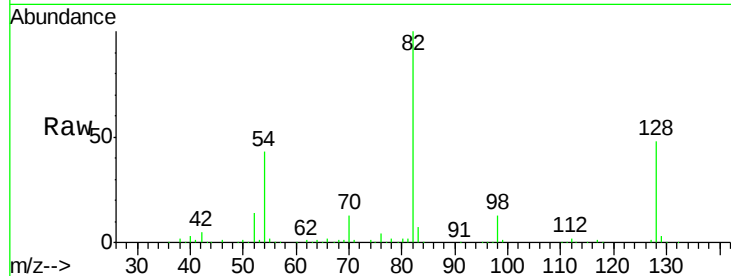
#23
Nitrobenzene-d5
Concen: 27.605 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Instrument :
BNA_F
ClientSampleId :
OK-03-040618

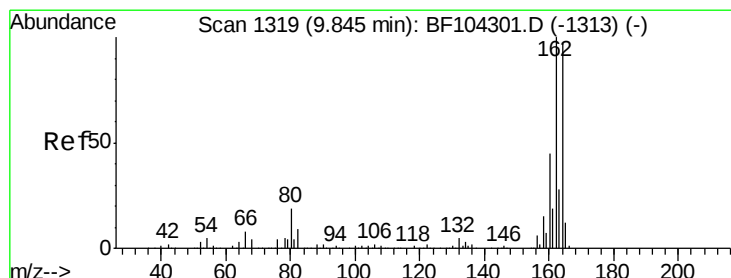
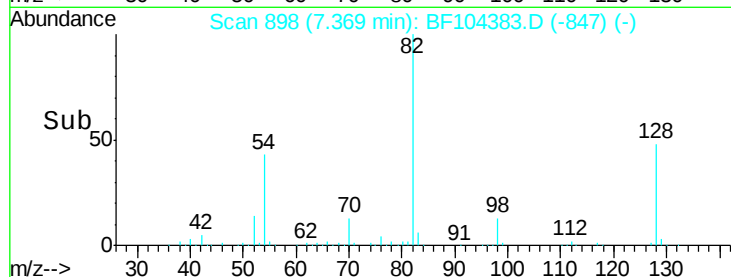
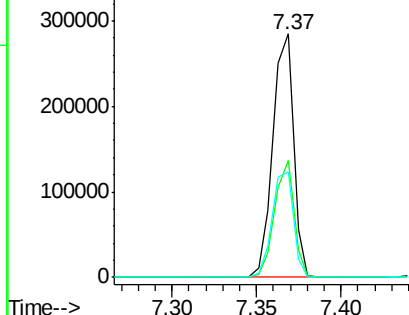
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	43.3	41.4	62.2

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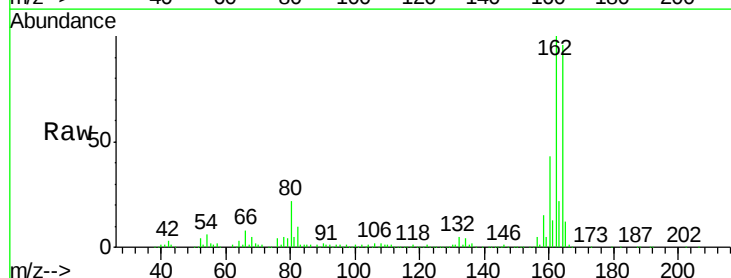


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

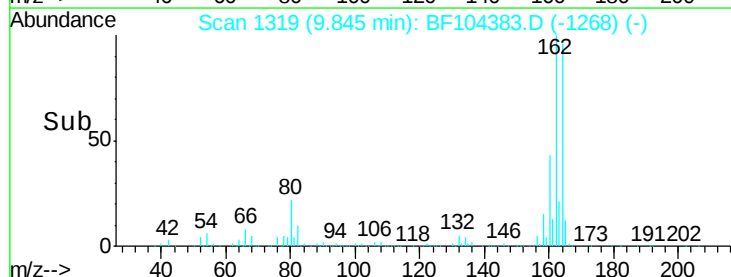
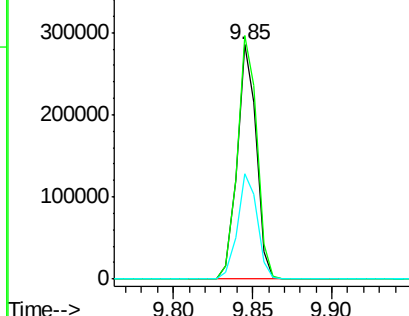


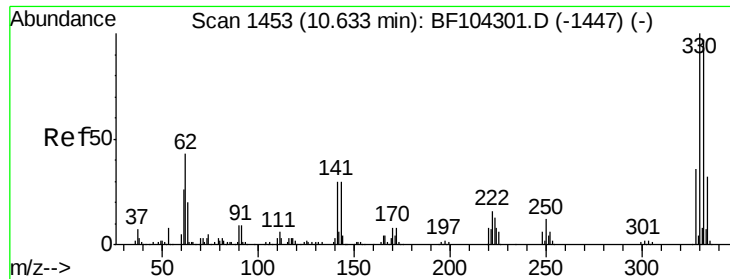
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	44.9	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 31.137 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF104383.D

Acq: 9 Apr 2018 20:09

Instrument :

BNA_F

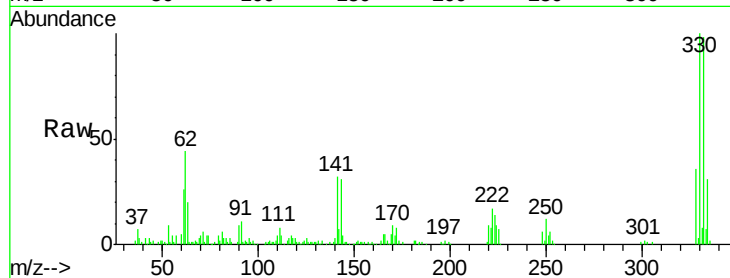
ClientSampleId :

OK-03-040618

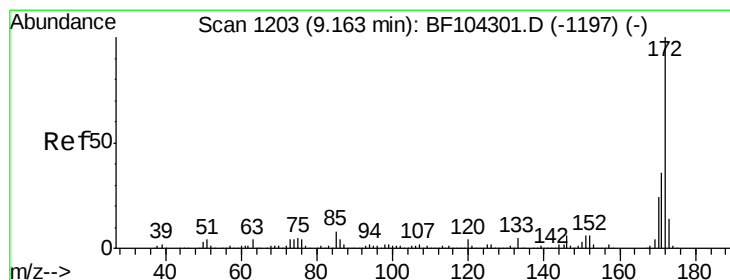
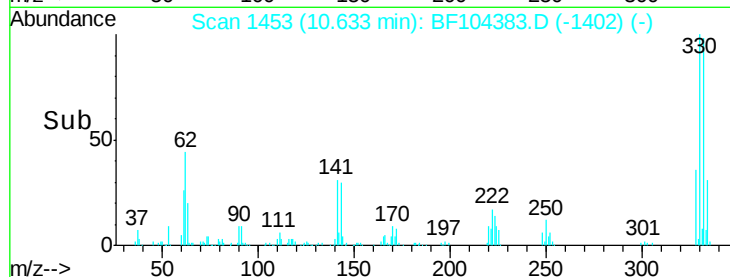
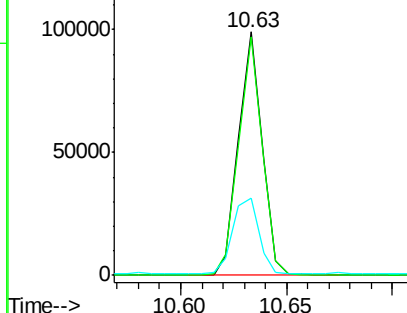
Tot Ion:	330	Resp:	76819
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.0	115.6
141	34.6	29.9	44.9

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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: 30.249 ng

RT: 9.16 min Scan# 1203

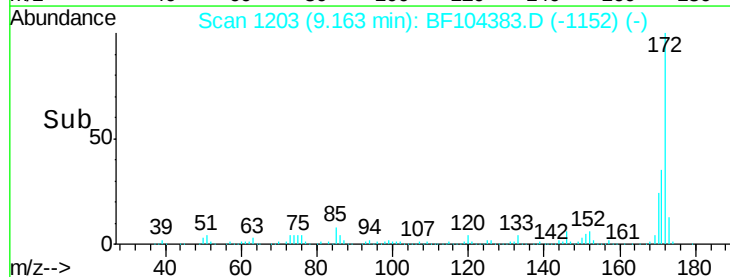
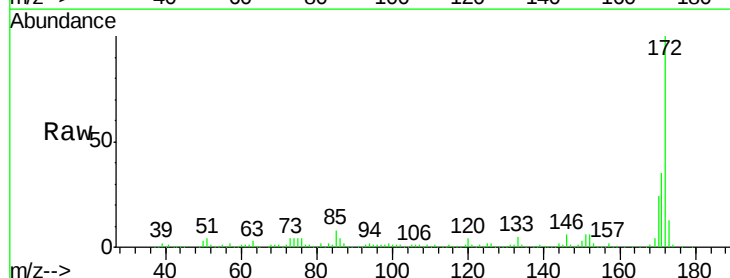
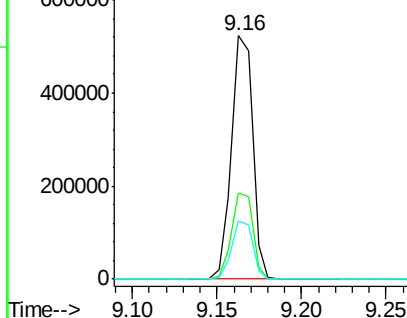
Delta R.T. 0.00 min

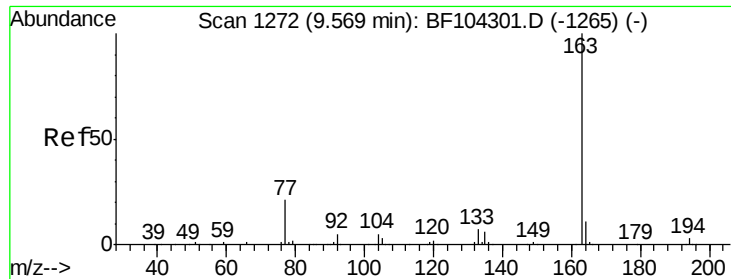
Lab File: BF104383.D

Acq: 9 Apr 2018 20:09

Tgt Ion:	172	Resp:	455406
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.7	44.5
170	23.6	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





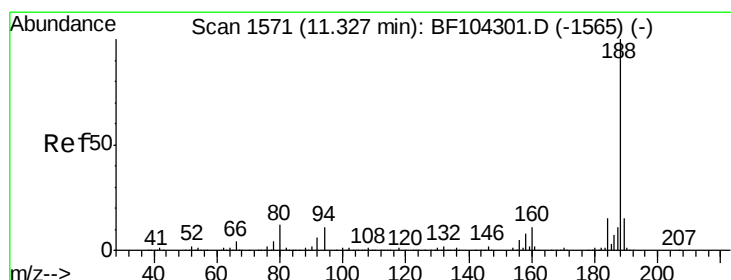
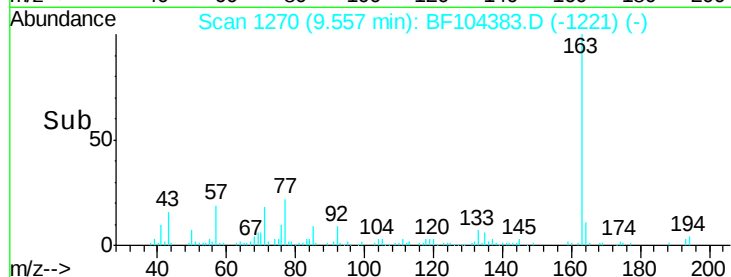
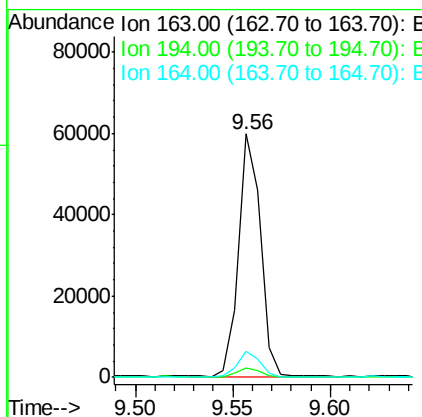
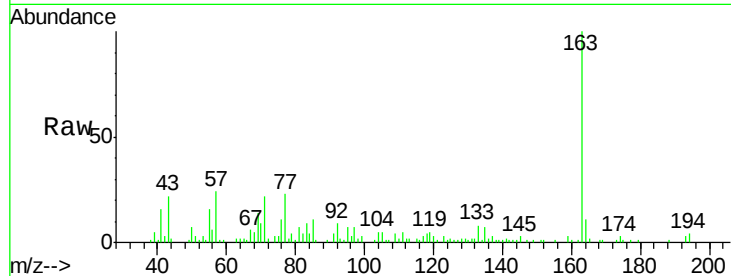
#49
Dimethylphthalate
Concen: 2.529 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Instrument :
BNA_F
ClientSampleId :
OK-03-040618

Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	10.6	8.2	12.2	

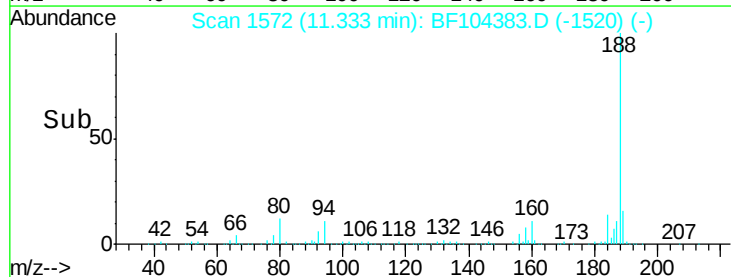
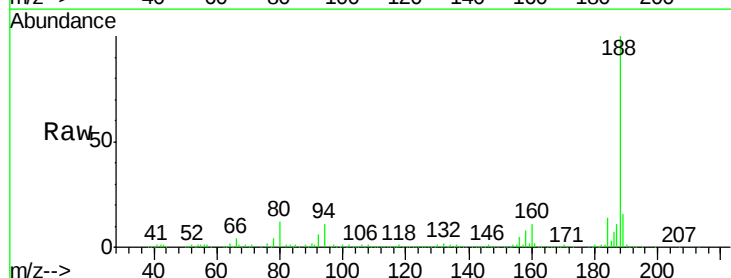
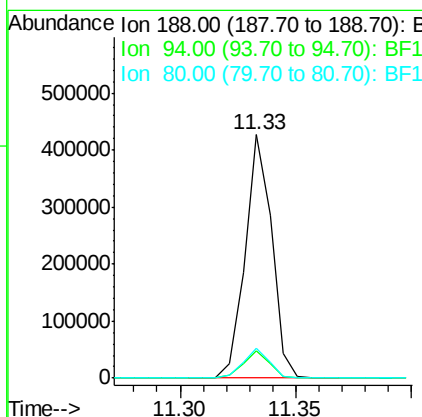
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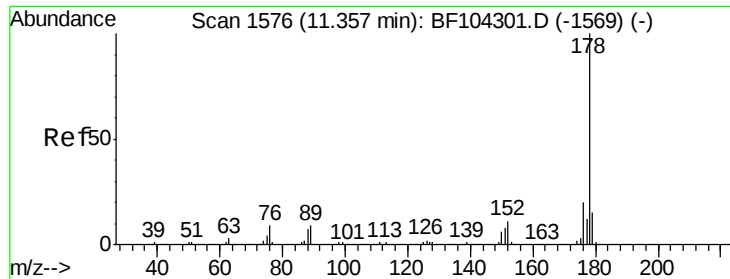
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.4	8.5	12.7	
80	12.1	9.2	13.8	





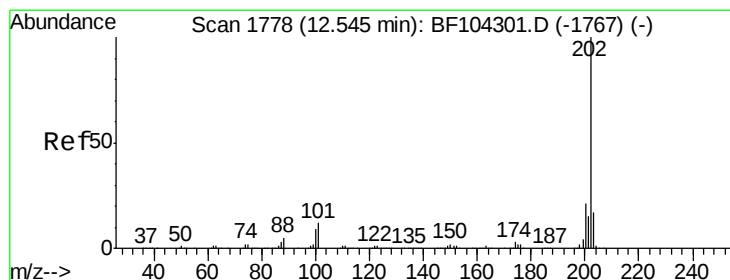
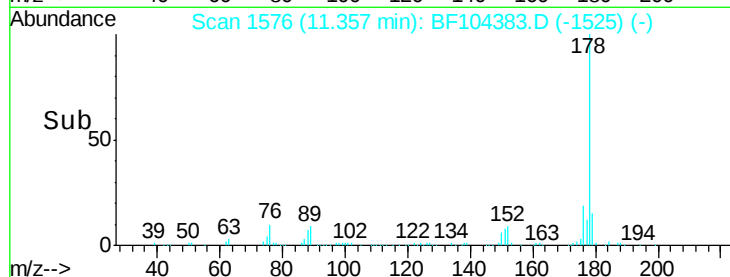
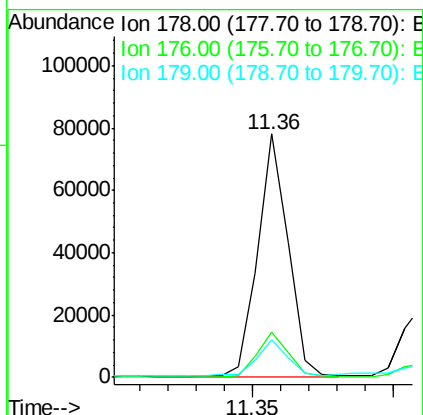
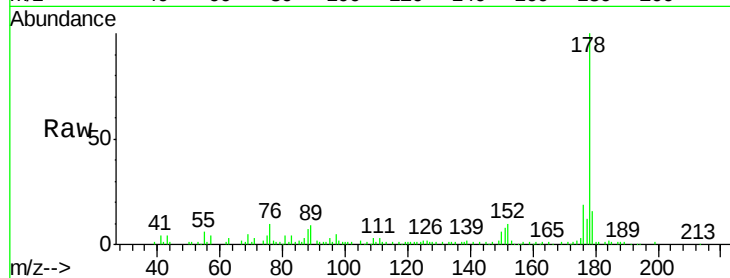
#70
Phenanthrene
Concen: 3.083 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Instrument :
BNA_F
ClientSampleId :
OK-03-040618

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.6	13.0	19.6

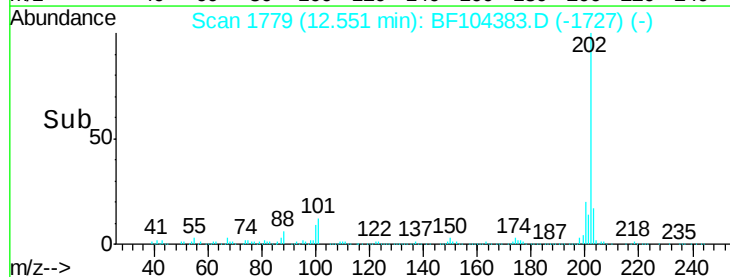
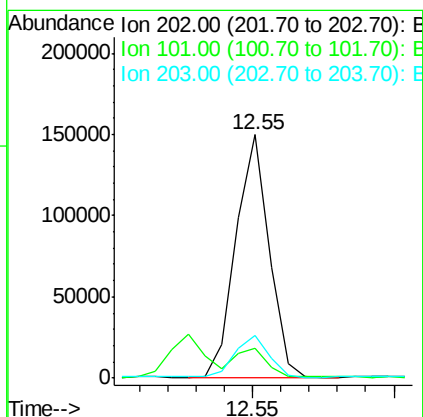
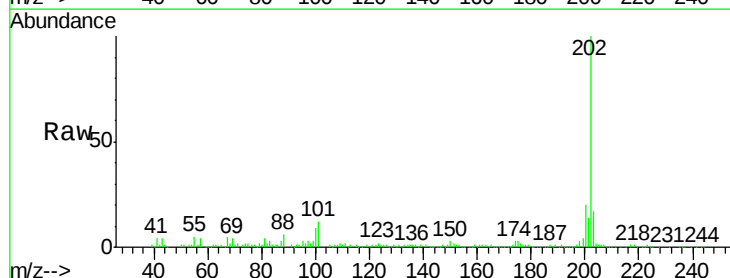
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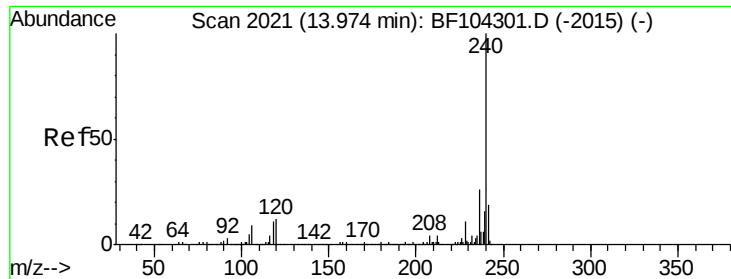
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#74
Fluoranthene
Concen: 6.139 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF104383.D

Acq: 9 Apr 2018 20:09

Instrument :

BNA_F

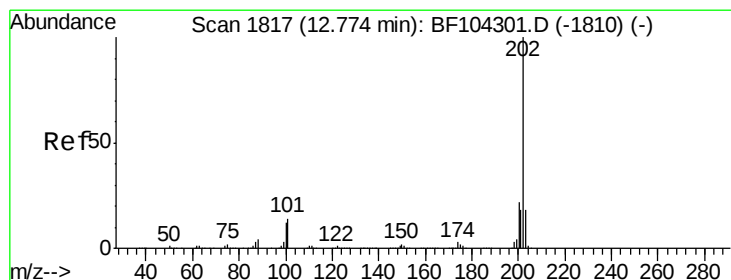
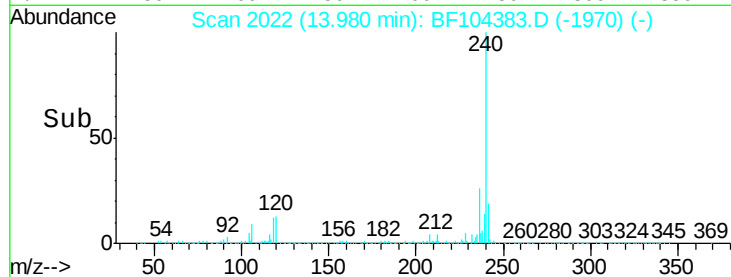
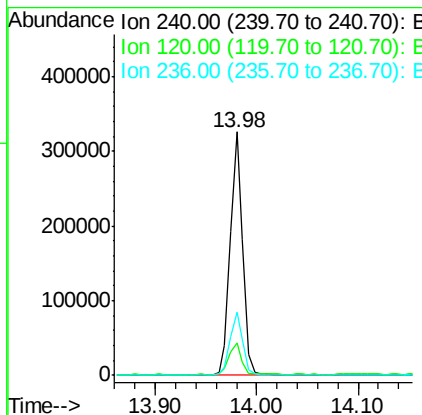
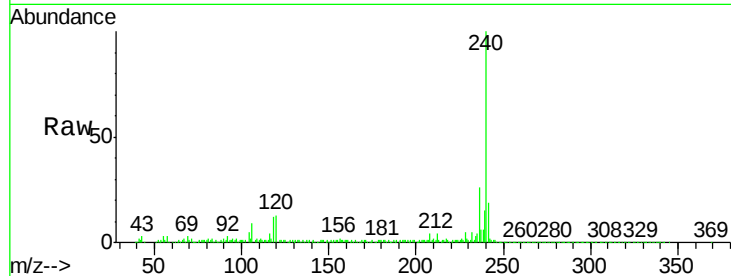
ClientSampleId :

OK-03-040618

Tot Ion:	240	Resp:	276431
Ion Ratio	Lower	Upper	
240	100		
120	13.5	9.5	14.3
236	25.8	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 6.322 ng

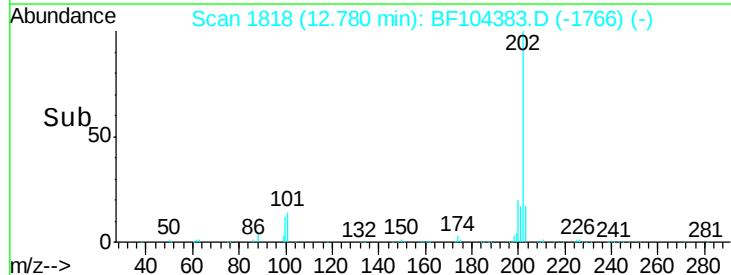
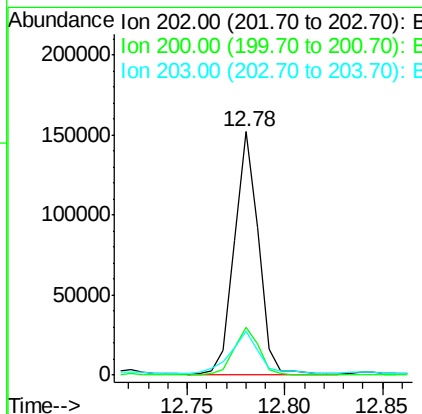
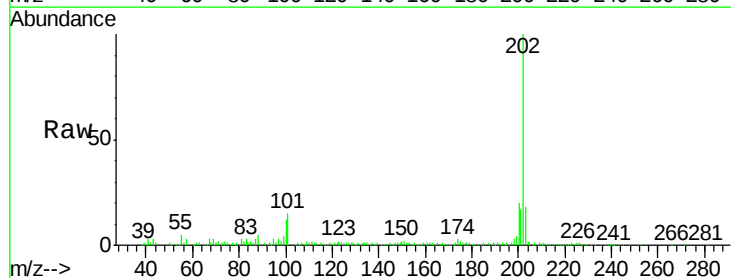
RT: 12.78 min Scan# 1818

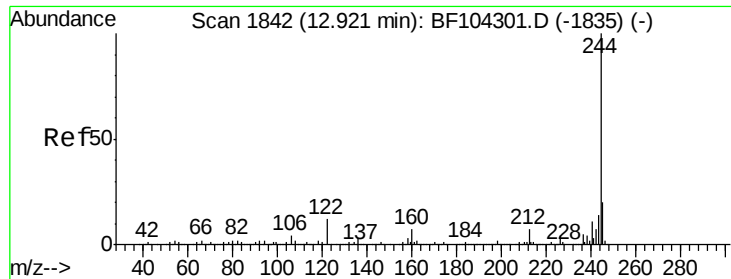
Delta R.T. 0.01 min

Lab File: BF104383.D

Acq: 9 Apr 2018 20:09

Tgt Ion:	202	Resp:	129547
Ion Ratio	Lower	Upper	
202	100		
200	19.8	17.4	26.2
203	17.9	14.3	21.5





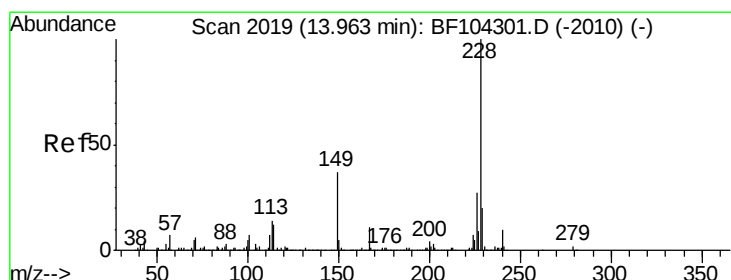
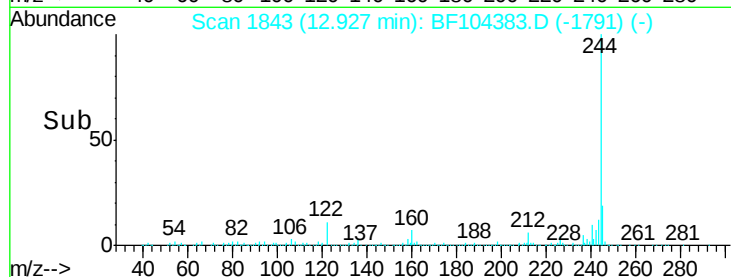
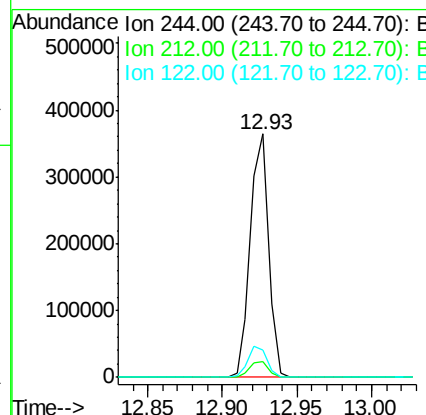
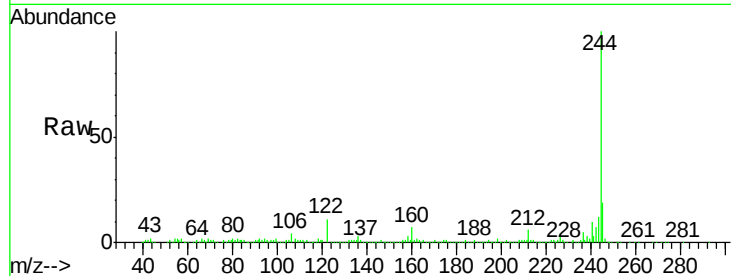
#78
 Terphenyl-d14
 Concen: 25.615 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104383.D
 Acq: 9 Apr 2018 20:09

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-040618

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	11.3	11.0	16.4

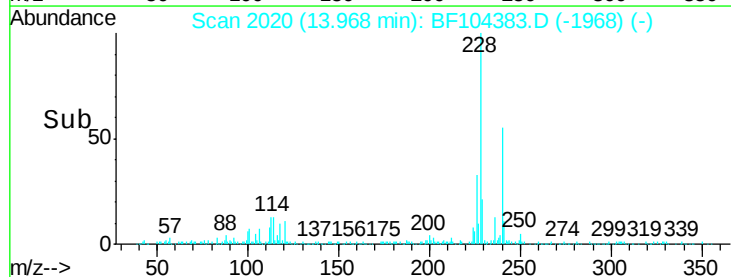
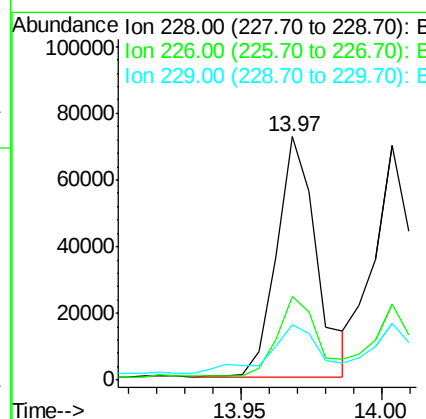
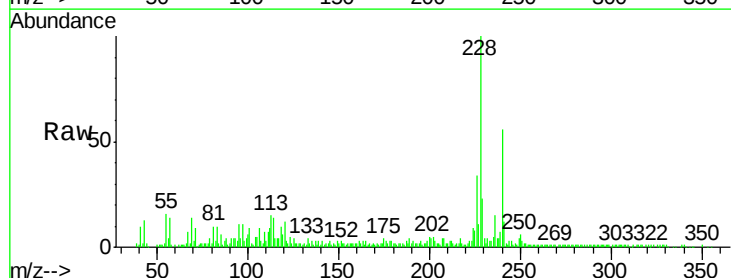
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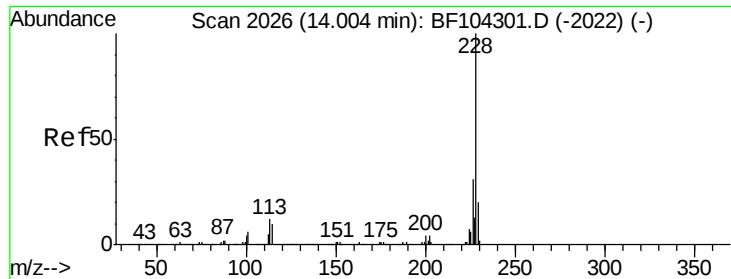
Sohil
 4/10/2018 12:00:26 PM



#80
 Benzo(a)anthracene
 Concen: 4.285 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF104383.D
 Acq: 9 Apr 2018 20:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.1	22.6	33.8#
229	22.6	15.8	23.6





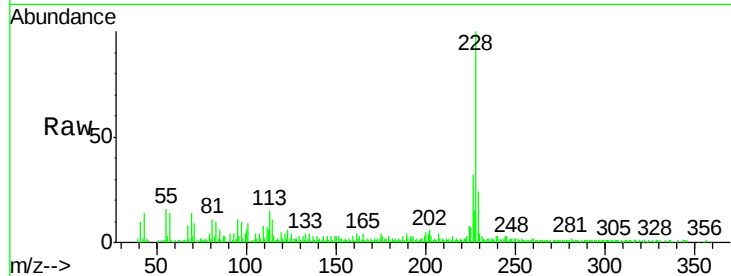
#82
Chrysene
Concen: 3.752 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Instrument :
BNA_F
ClientSampleId :
OK-03-040618

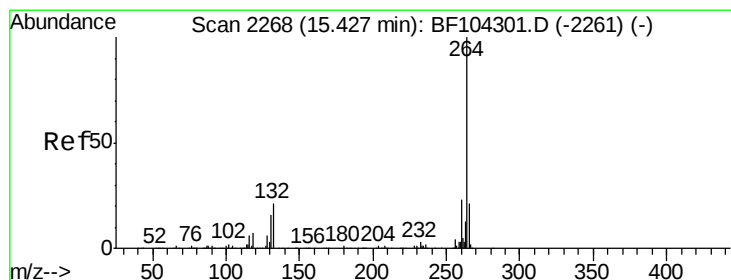
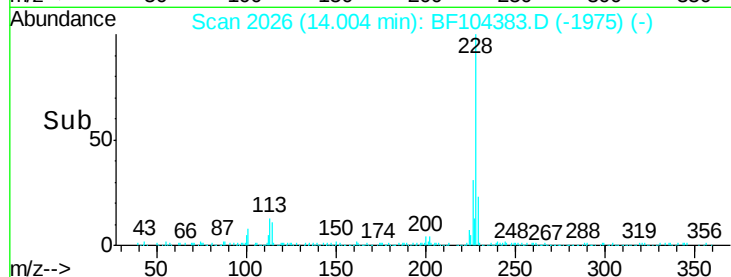
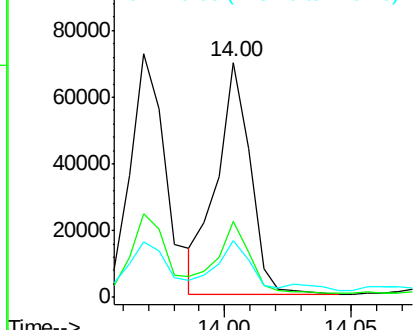
Tot Ion:	228	Resp:	63646
Ion Ratio	Lower	Upper	
228	100		
226	32.3	25.0	37.6
229	24.3	16.2	24.4

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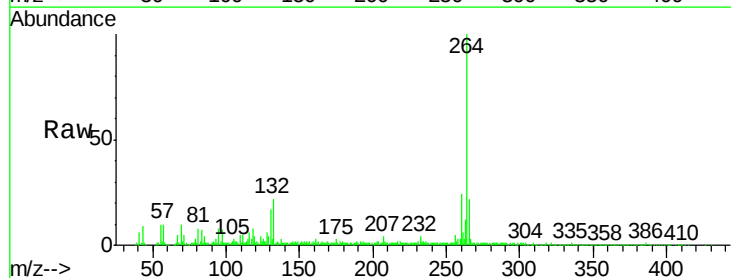


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

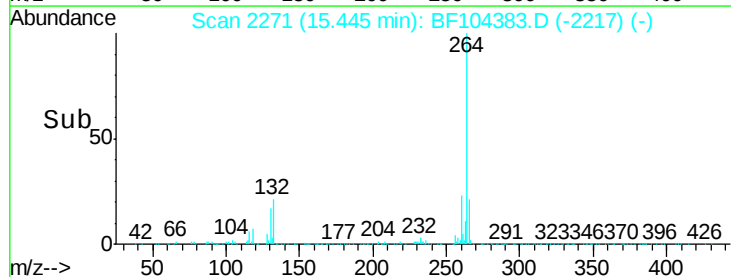
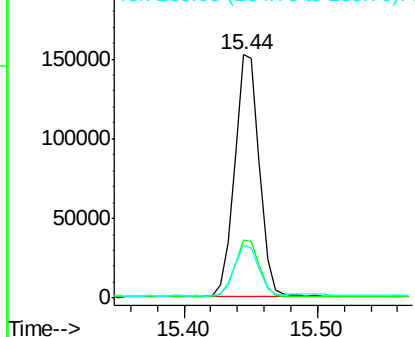


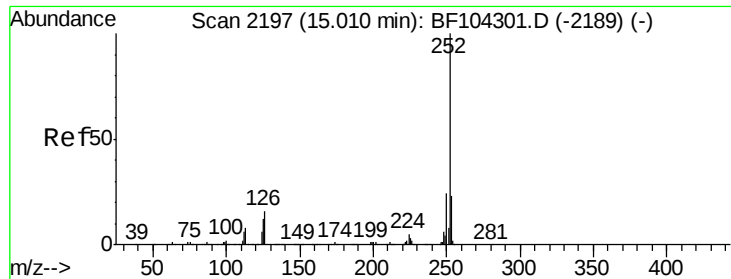
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.02 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Tgt Ion:	264	Resp:	195791
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3



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: 5.786 ng/mL

RT: 15.02 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF104383.D

Acq: 9 Apr 2018 20:09

Instrument :

BNA_F

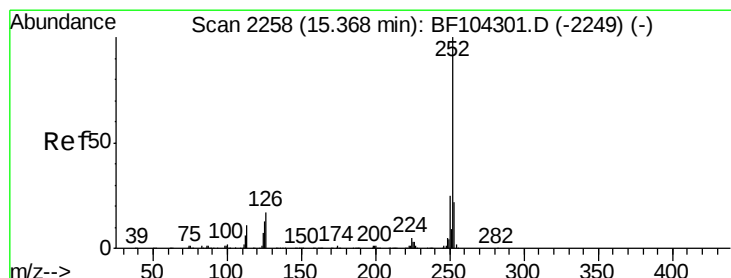
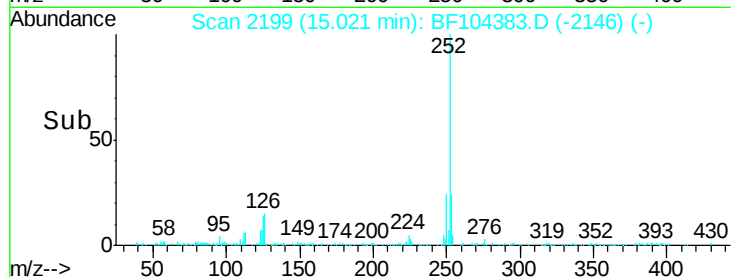
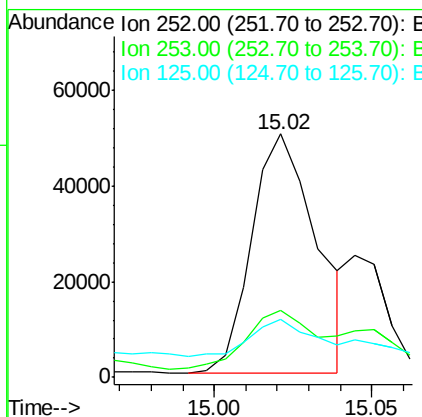
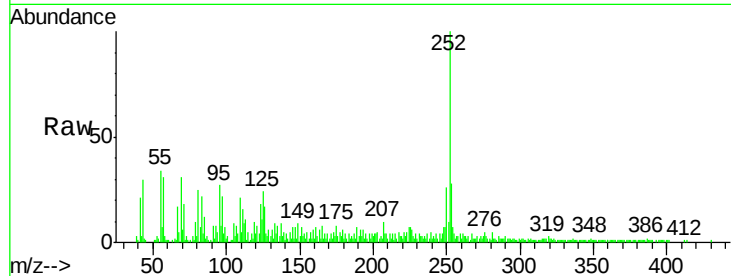
ClientSampleId :

OK-03-040618

Tot Ion:	252	Resp:	71549
Ion Ratio	Lower	Upper	
252	100		
253	27.7	17.0	25.6#
125	23.9	9.0	13.6#

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#89

Benzo(a)pyrene

Concen: 4.296 ng/mL

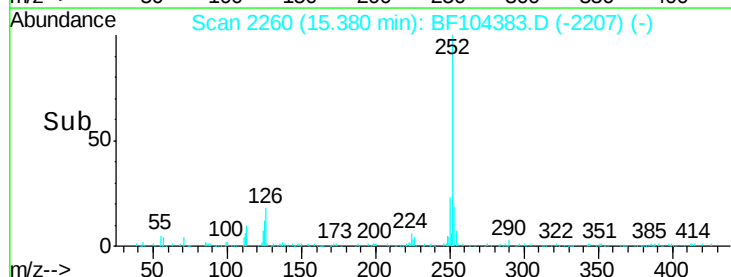
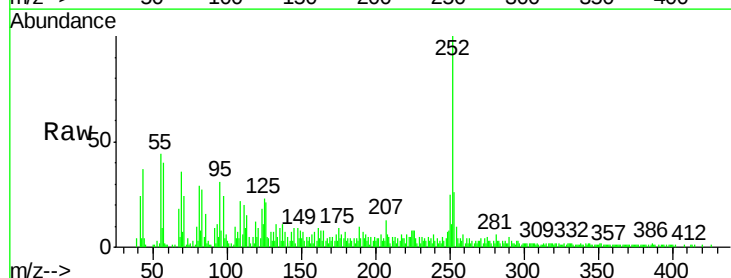
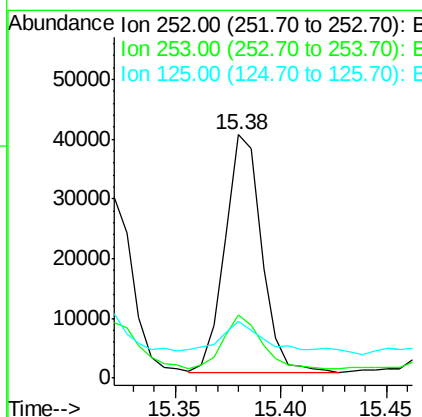
RT: 15.38 min Scan# 2260

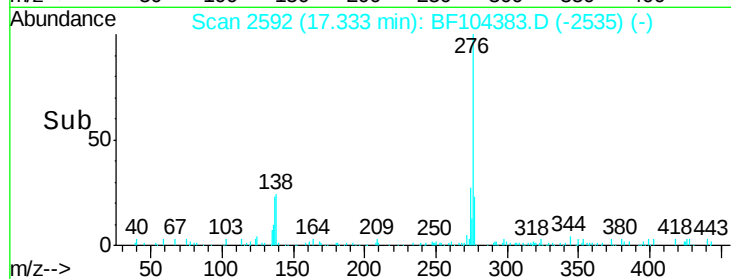
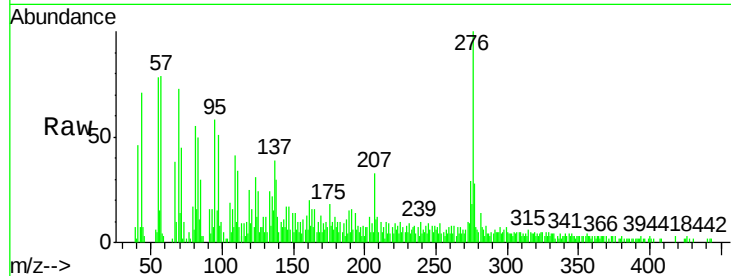
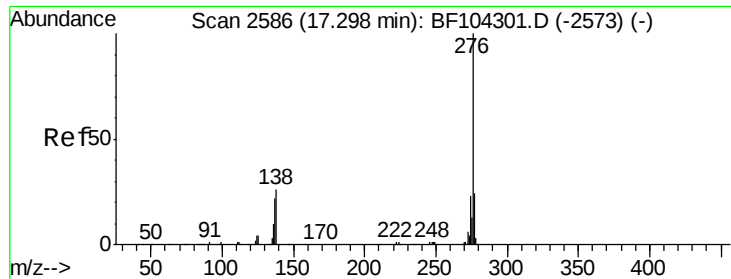
Delta R.T. 0.01 min

Lab File: BF104383.D

Acq: 9 Apr 2018 20:09

Tgt Ion:	252	Resp:	47532
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.1	25.7#
125	23.2	9.8	14.6#





#91

Benzo(a,h,i)perylene

Concen: 3.289 ng

RT: 17.33 min Scan# 2592

Delta R.T. 0.04 min

Lab File: BF104383.D

Acq: 9 Apr 2018 20:09

Instrument :

BNA_F

ClientSampleId :

OK-03-040618

Tot Ion:	276	Resp:	28958
Ion Ratio	Lower	Upper	
276	100		
277	28.5	17.9	26.9#
138	29.5	21.8	32.8

Manual Integrations
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Sohil
4/10/2018 12:00:26 PM

