

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
 Data File : BF111116.D
 Acq On : 5 Dec 2018 19:26
 Operator : JU/SJ
 Sample : J5764-23 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-113018-B

Manual Integrations
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Quant Time: Dec 06 01:21:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	555214	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2135977	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	947091	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1393410	20.00	ng	0.00
76) Chrysene-d12	13.95	240	1052430	20.00	ng	0.00
87) Perylene-d12	15.39	264	772670	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1565687	44.00	ng	0.00
7) Phenol-d6	6.43	99	2009947	43.85	ng	0.00
23) Nitrobenzene-d5	7.36	82	1186939	32.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	300339	39.89	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2075182	31.51	ng	0.00
79) Terphenyl-d14	12.90	244	1441570	28.05	ng	0.00
Target Compounds						
10) Phenol	6.43	94	113974	2.281	ng	94
50) Dimethylphthalate	9.55	163	156630	2.376	ng	96
71) Phenanthrene	11.34	178	402996	6.013	ng	94
75) Fluoranthene	12.53	202	445489	6.792	ng	97
78) Pyrene	12.76	202	412703	5.033	ng	94
81) Benzo(a)anthracene	13.94	228	189112	3.067	ng	98
83) Chrysene	13.98	228	175305	2.864	ng	95
88) Benzo(b)fluoranthene	14.97	252	164397m	3.755	ng	
90) Benzo(a)pyrene	15.33	252	112753	2.808	ng	# 93

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

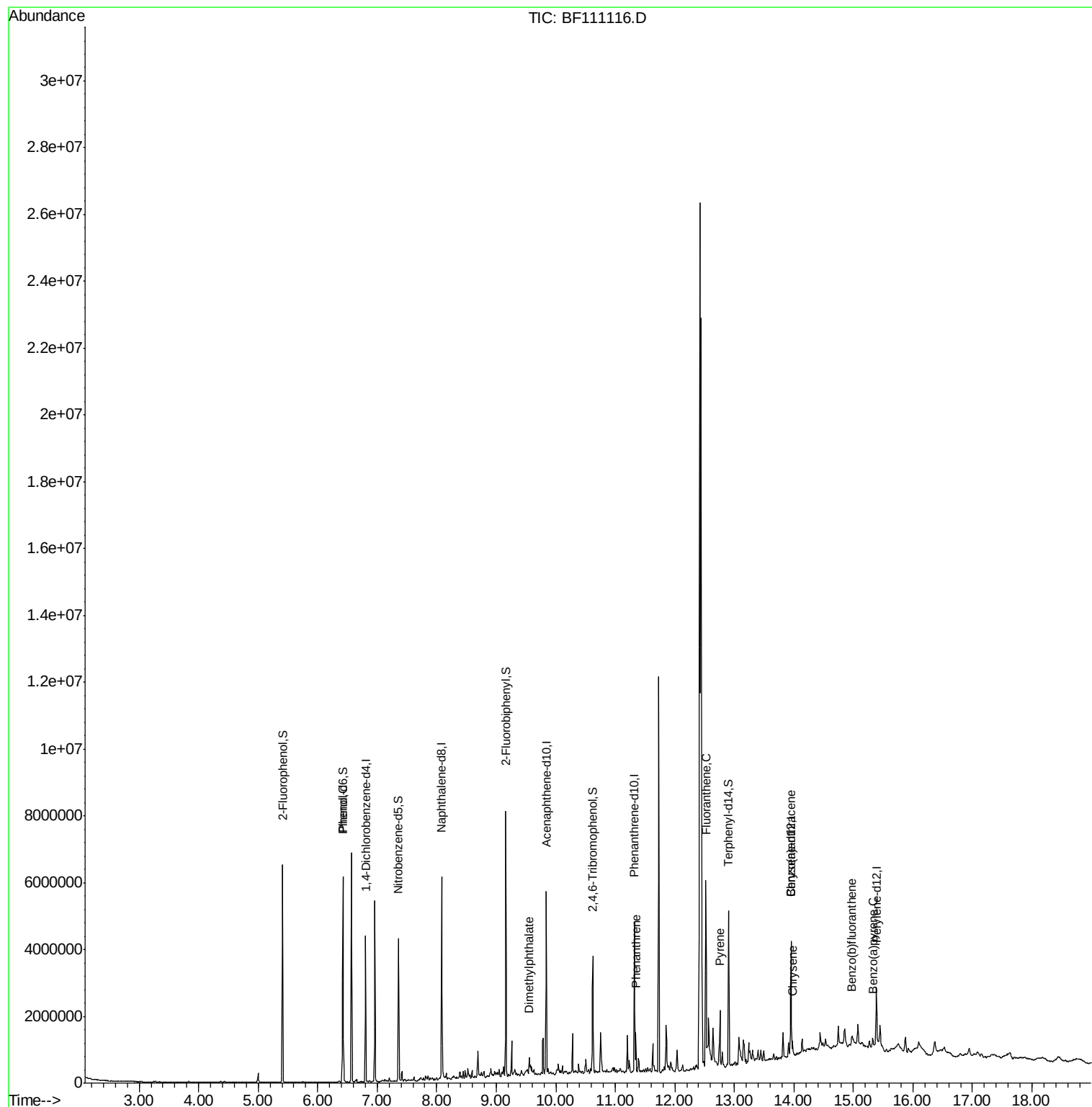
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111116.D
Acq On : 5 Dec 2018 19:26
Operator : JU/SJ
Sample : J5764-23 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

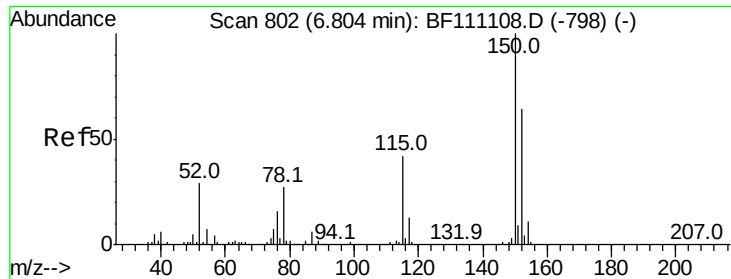
Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

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Quant Time: Dec 06 01:21:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

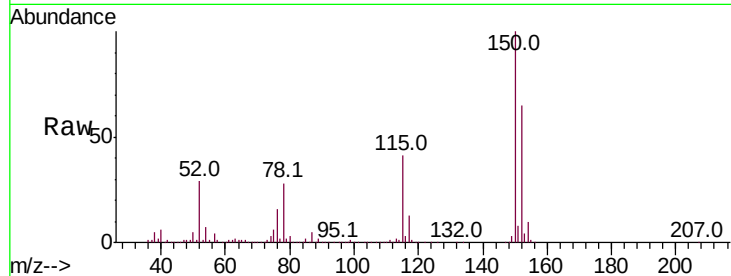
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	187.0
115	63.3	52.2	78.2

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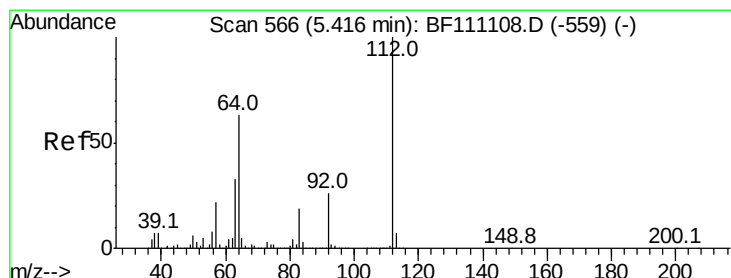
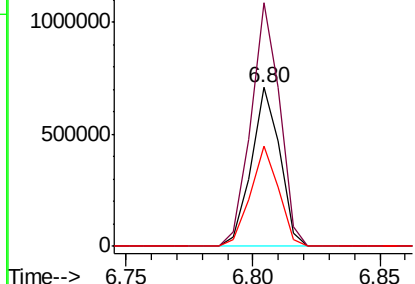
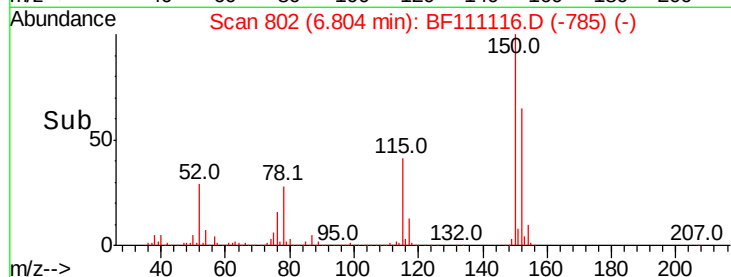


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

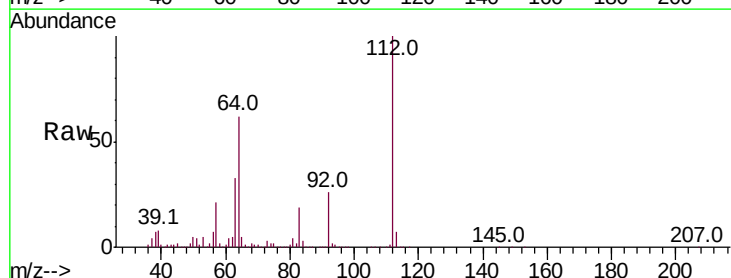
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 44.004 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	50.2	75.4
63	32.6	26.6	39.8

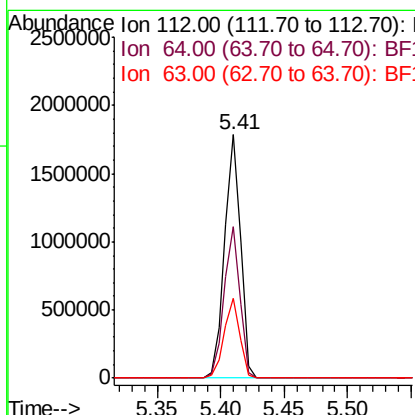
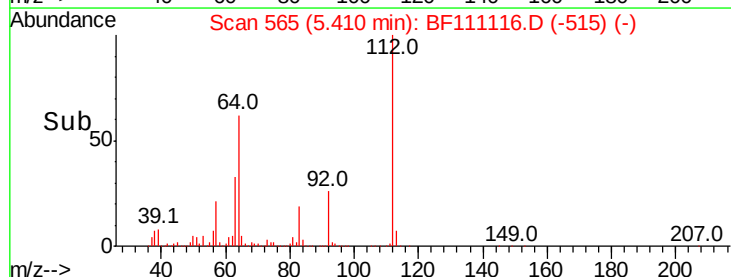


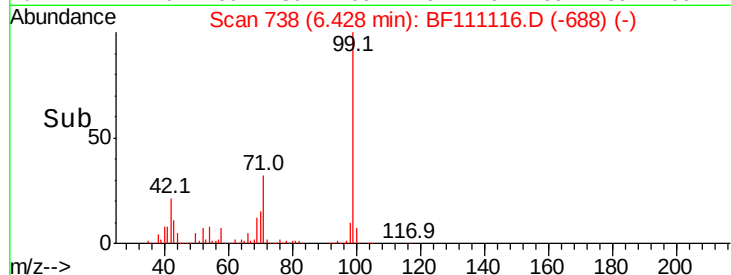
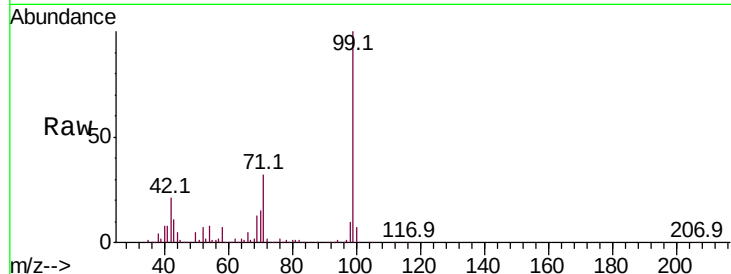
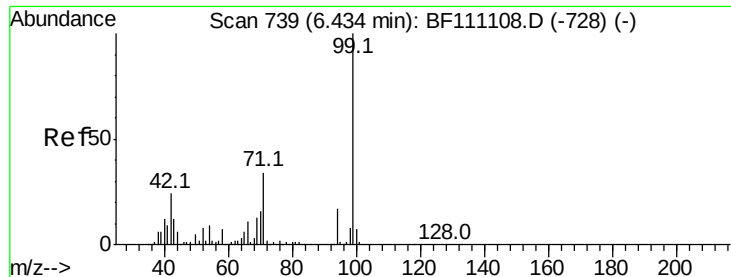
Abundance

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: 43.853 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111116.D

Acq: 5 Dec 2018 19:26

Tot Ion: 99 Resp: 2009947

Ion	Ratio	Lower	Upper
99	100		
42	21.0	19.3	28.9
71	32.3	27.4	41.2

Instrument :

BNA_F

ClientSampleId :

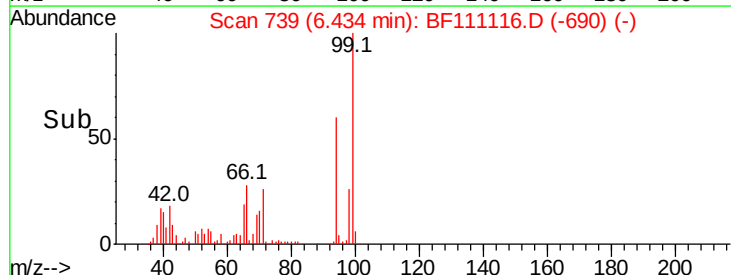
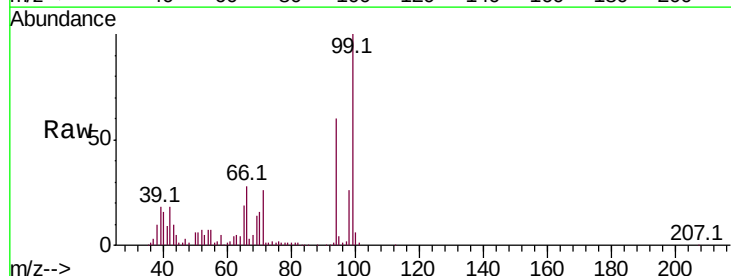
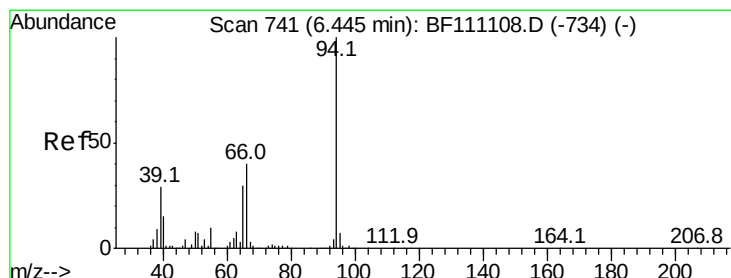
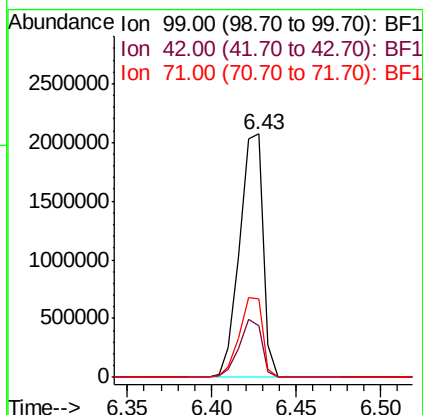
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#10

Phenol

Concen: 2.281 ng

RT: 6.43 min Scan# 739

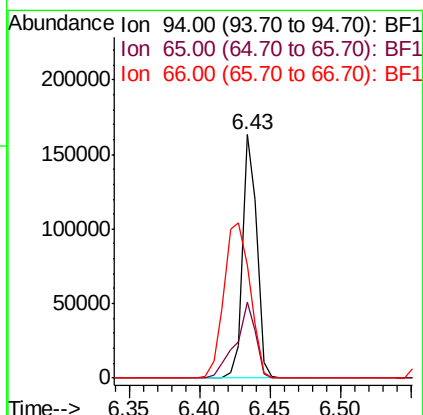
Delta R.T. -0.01 min

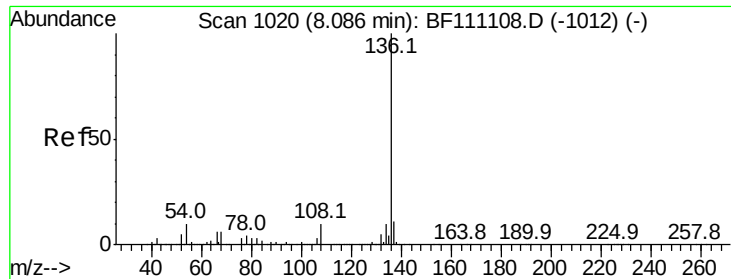
Lab File: BF111116.D

Acq: 5 Dec 2018 19:26

Tgt Ion: 94 Resp: 113974

Ion	Ratio	Lower	Upper
94	100		
65	31.0	10.5	50.5
66	46.3	19.8	59.8





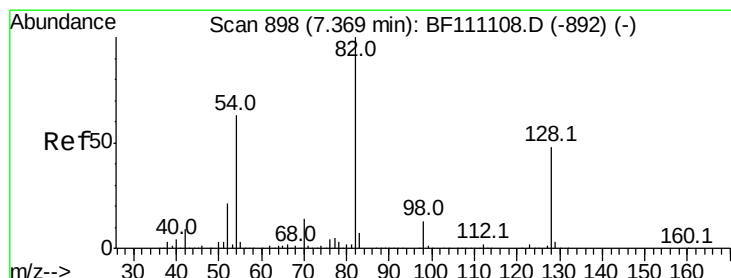
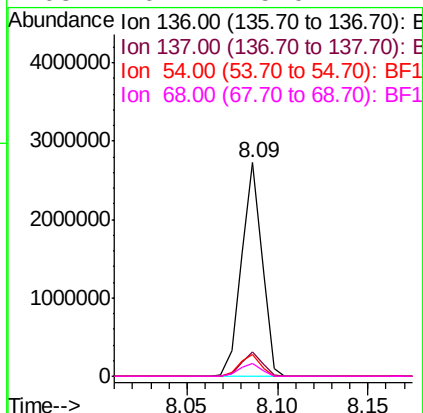
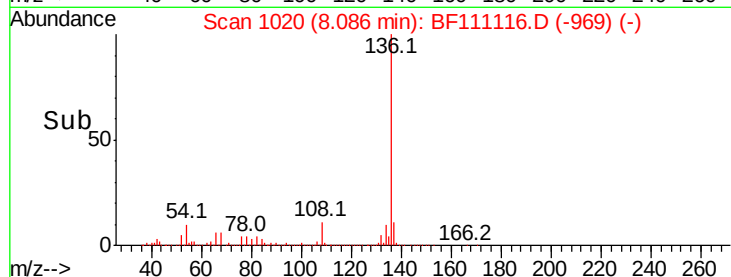
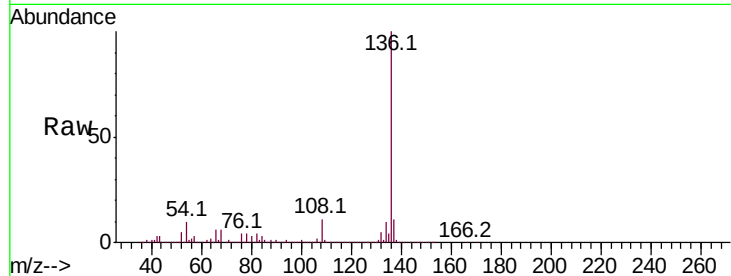
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	10.1	8.4	12.6
68	6.2	5.0	7.4

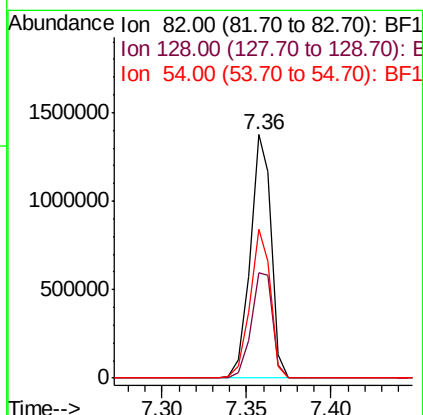
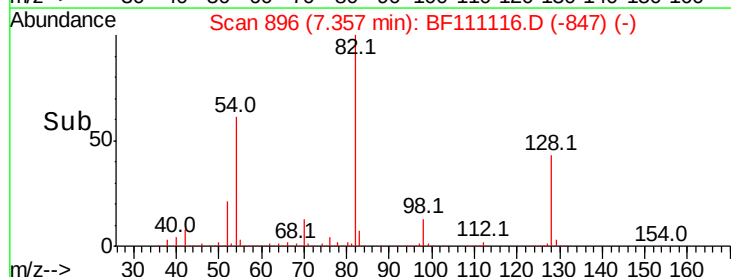
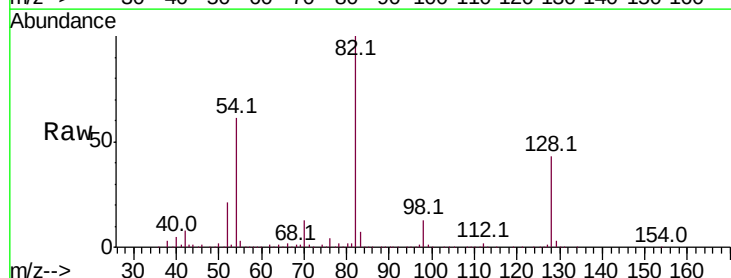
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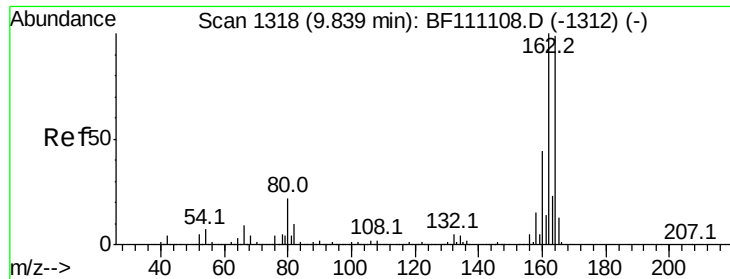
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#23
Nitrobenzene-d5
Concen: 32.899 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	38.1	57.1
54	61.4	50.3	75.5





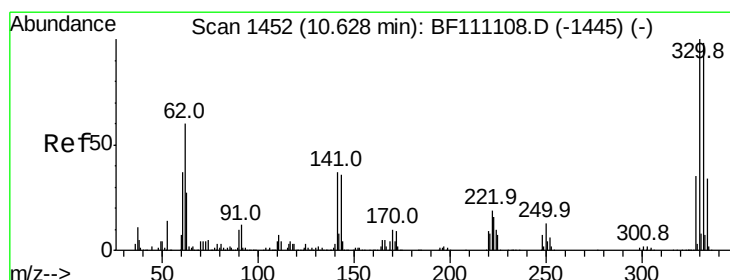
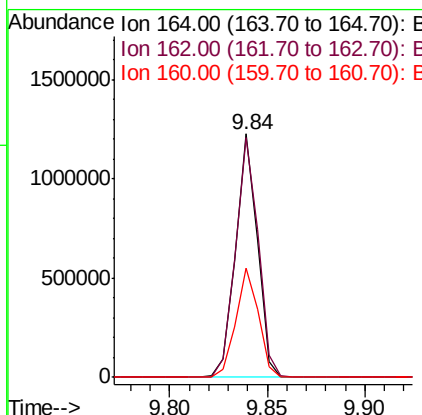
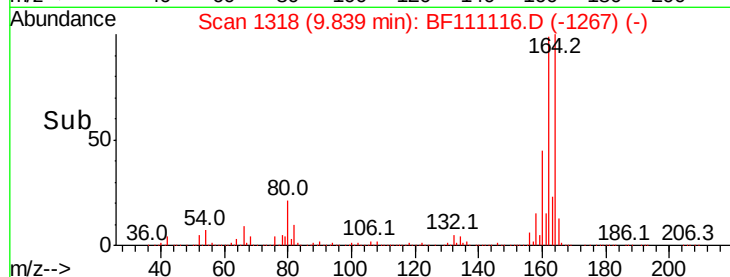
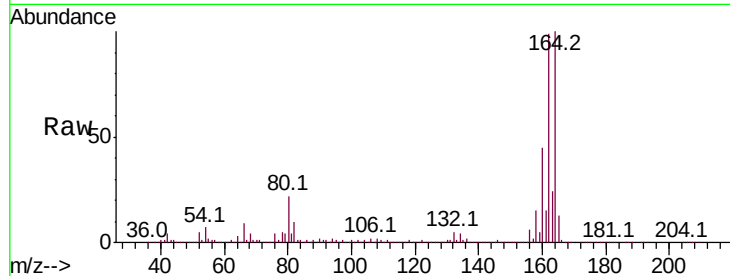
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tot Ion	Ratio	Resp	Lower	Upper
164	100	947091		
162	98.6	80.6	120.8	
160	44.7	35.5	53.3	

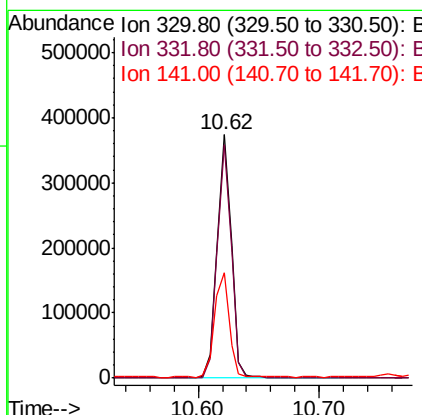
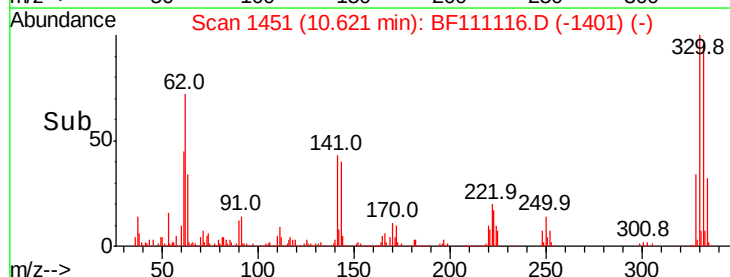
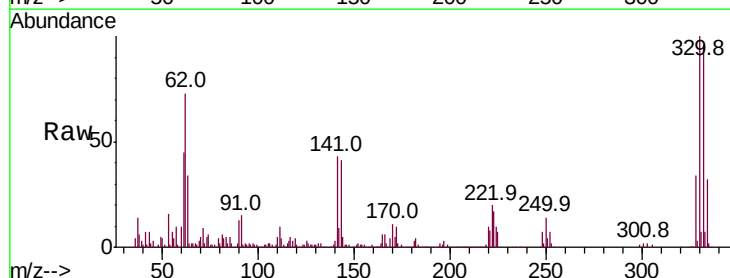
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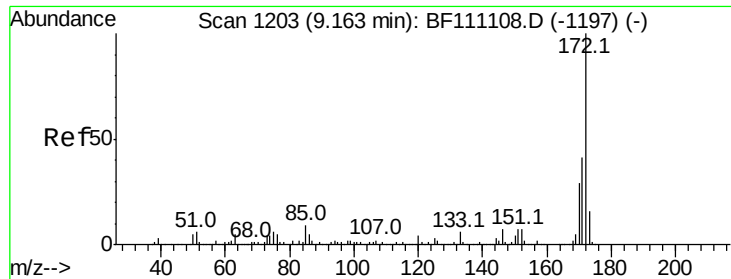
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#42
2,4,6-Tribromophenol
Concen: 39.895 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	300339		
332	95.5	77.2	115.8	
141	44.2	36.1	54.1	





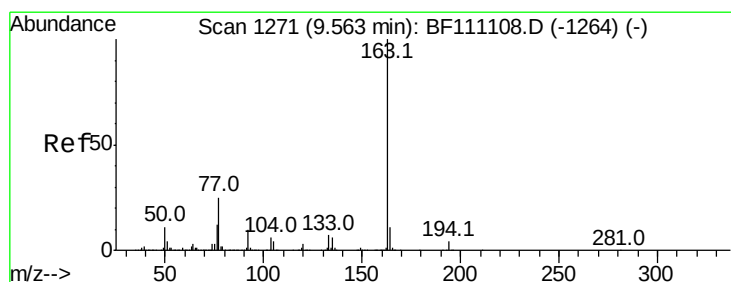
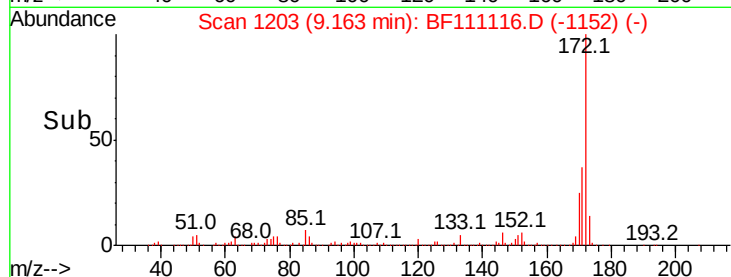
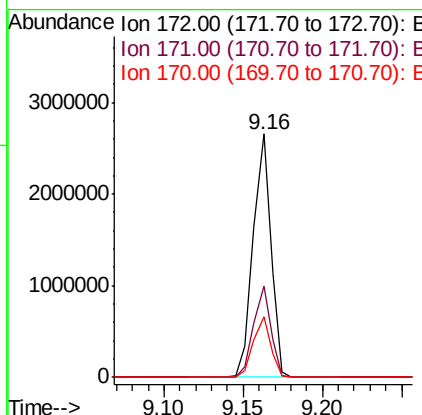
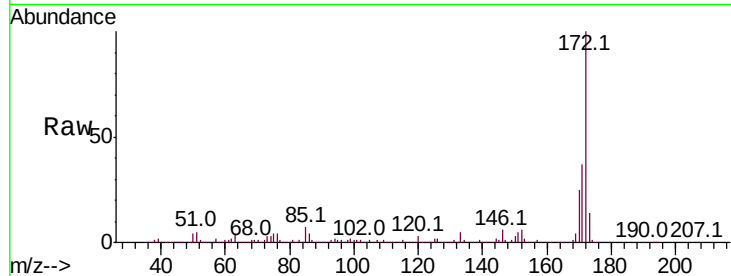
#45
2-Fluorobiphenyl
Concen: 31.514 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	33.2	49.8
170	24.9	22.9	34.3

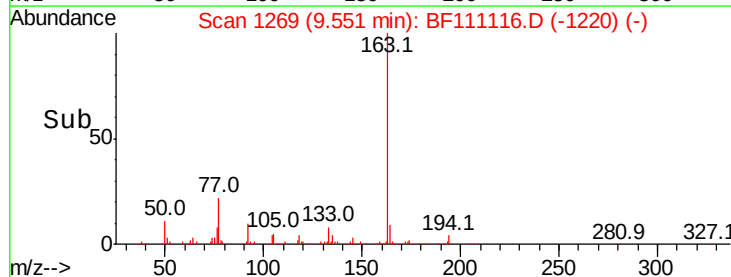
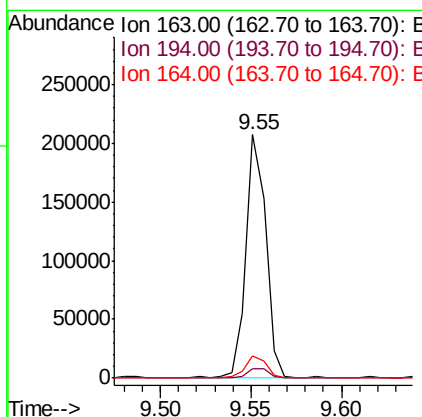
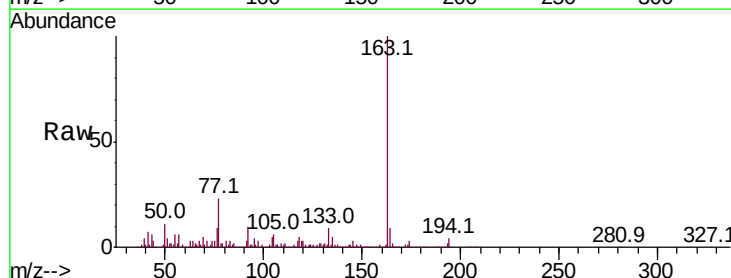
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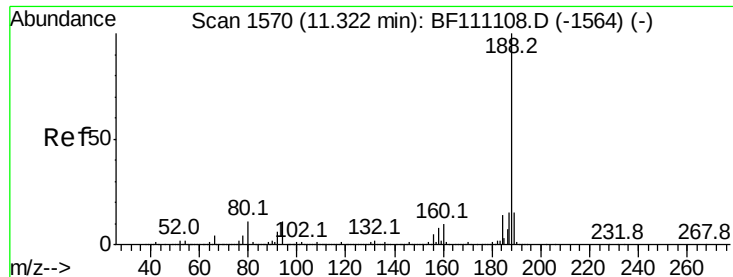
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#50
Dimethylphthalate
Concen: 2.376 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.1	8.9	13.3





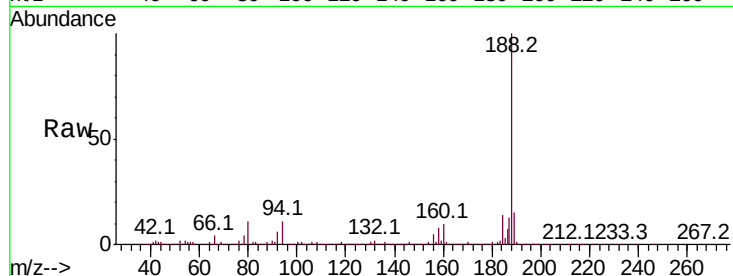
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

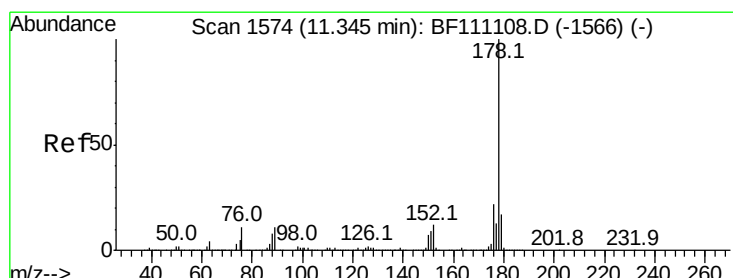
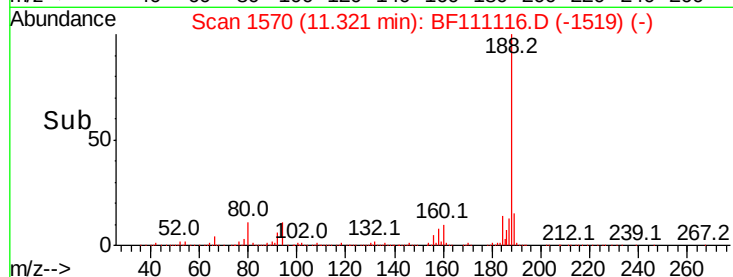
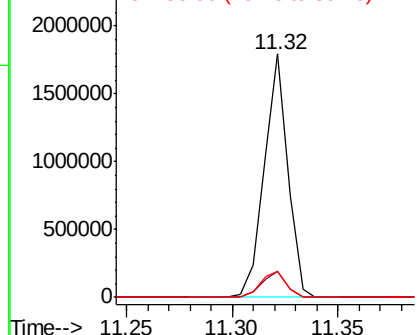
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	10.7	9.0	13.6

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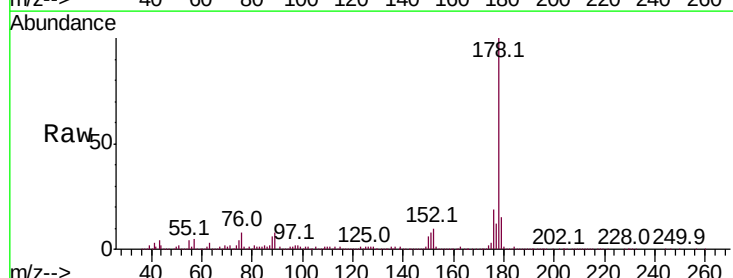


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

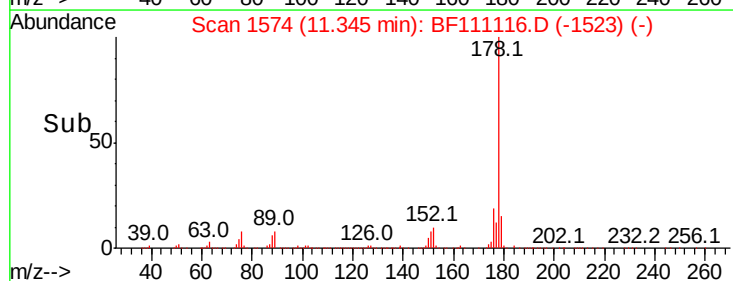
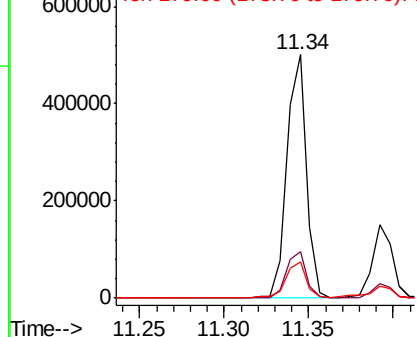


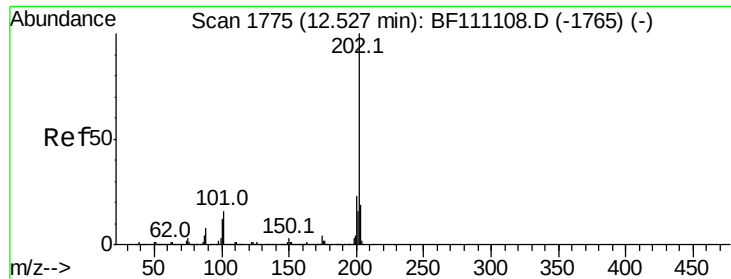
#71
Phenanthrene
Concen: 6.013 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	17.7	26.5
179	14.9	14.0	21.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





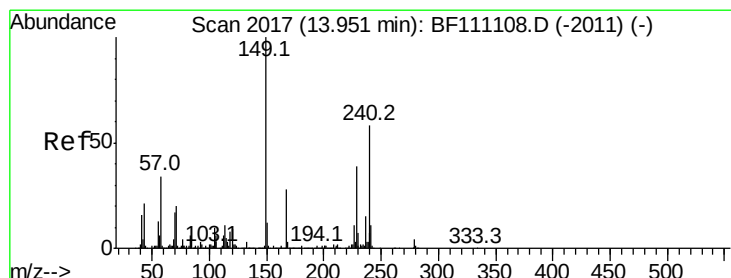
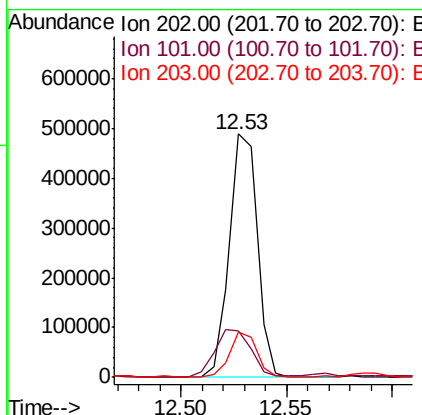
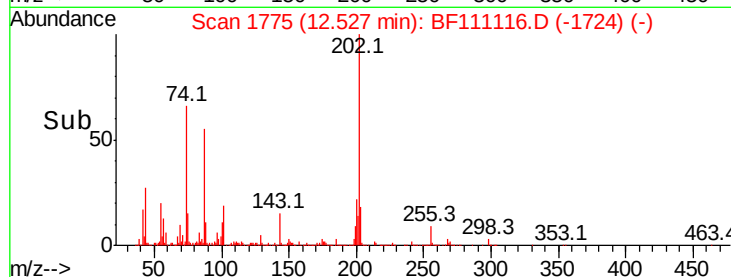
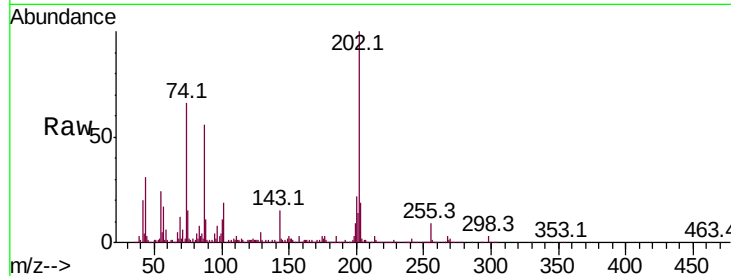
#75
Fluoranthene
Concen: 6.792 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	18.9	0.0	35.8
203	18.6	0.0	38.6

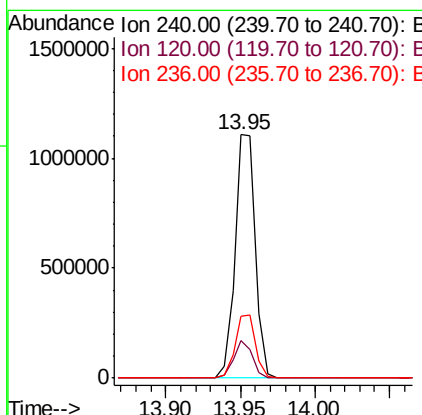
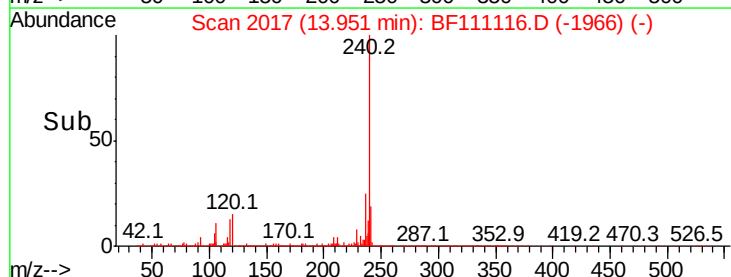
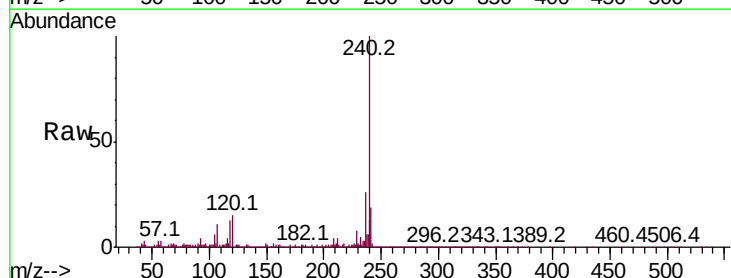
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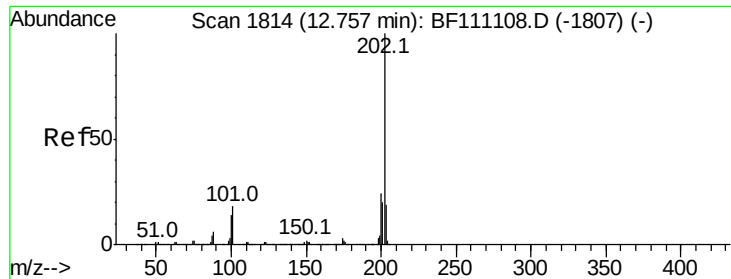
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.2	12.8	19.2
236	25.6	21.1	31.7





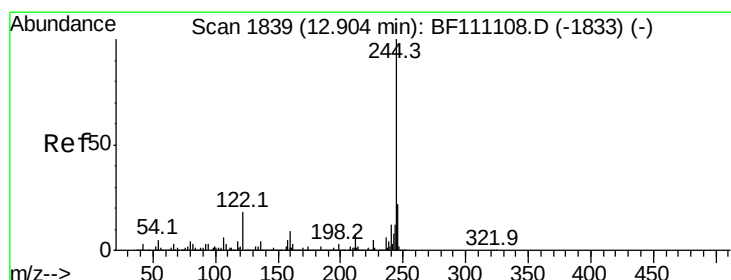
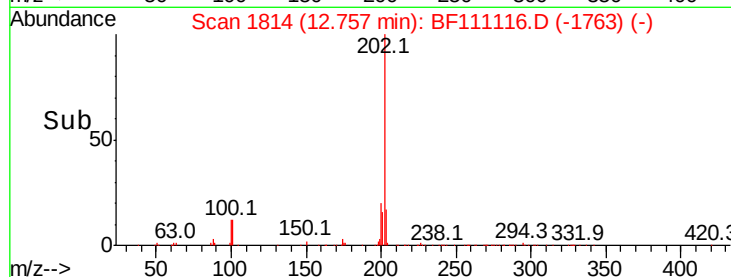
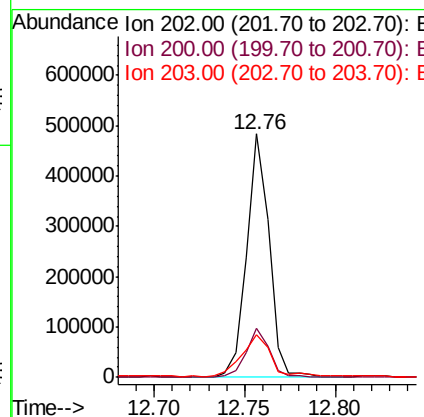
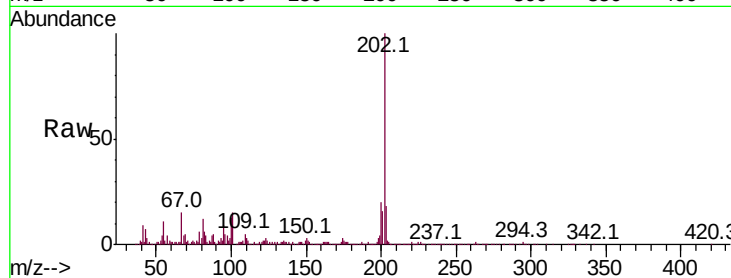
#78
Pvrene
Concen: 5.033 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tot Ion	Ratio	Resp	Lower	Upper
202	100	412703		
200	20.0		19.3	28.9
203	17.7		15.4	23.2

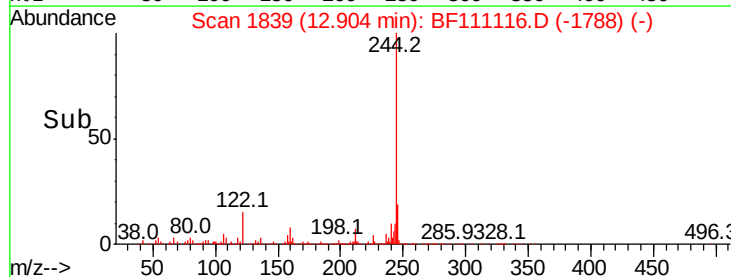
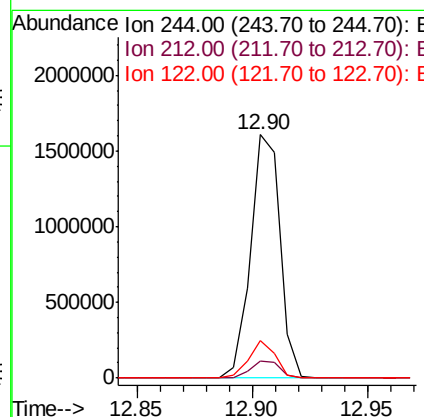
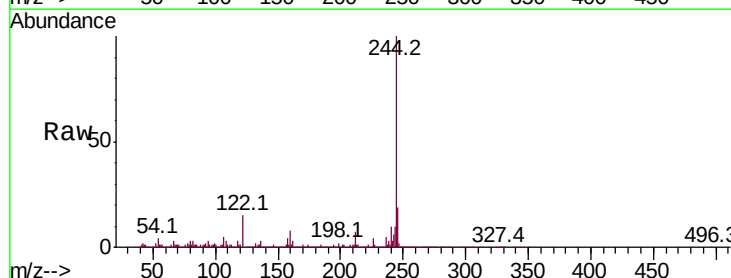
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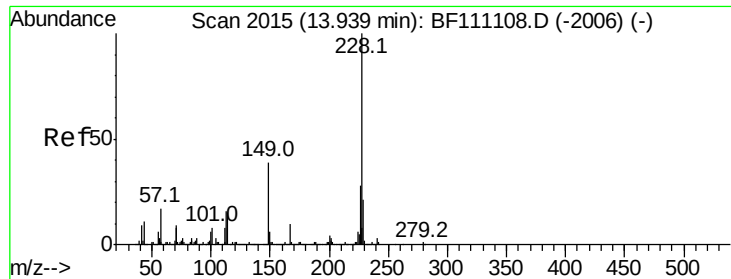
mohammad
12/6/2018 12:11:52 PM



#79
Terphenyl-d14
Concen: 28.052 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1441570		
212	6.9		6.6	9.8
122	15.4		14.2	21.2





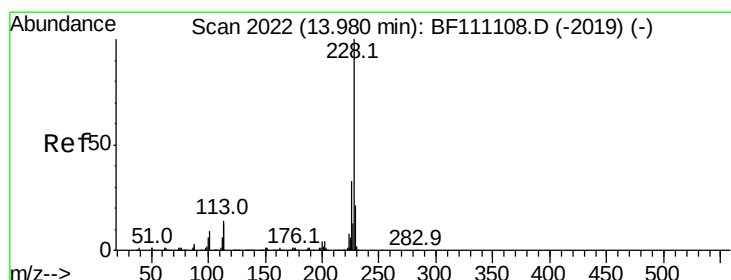
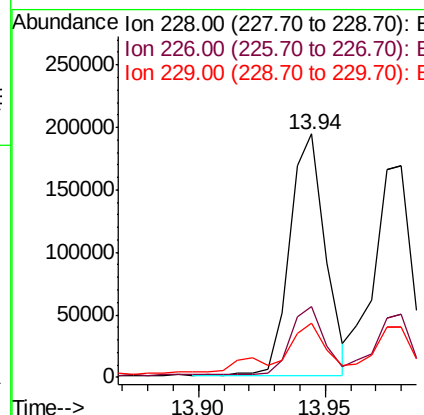
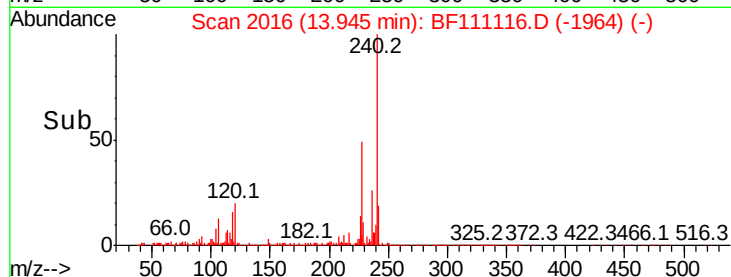
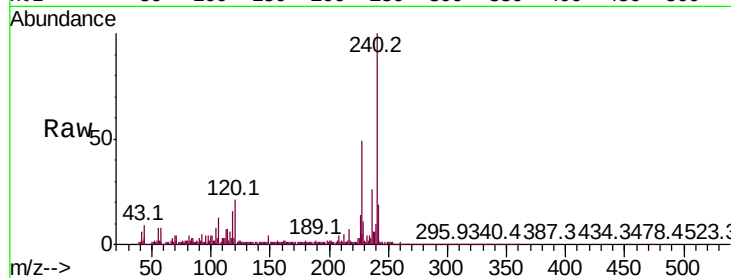
#81
Benzo(a)anthracene
Concen: 3.067 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	34.0
229	22.5	16.7	25.1

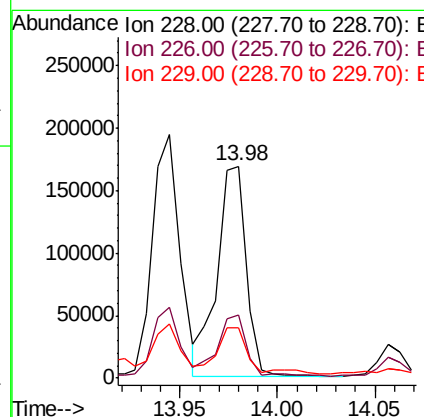
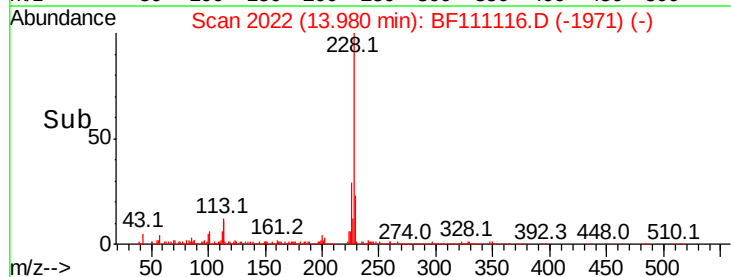
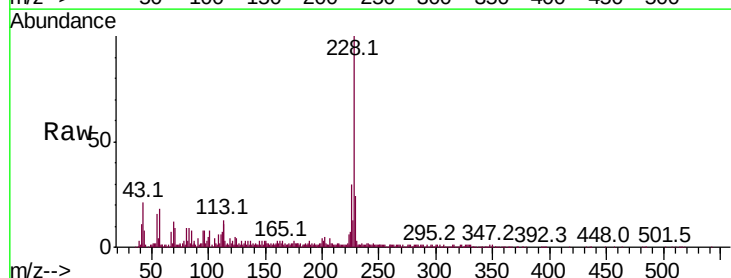
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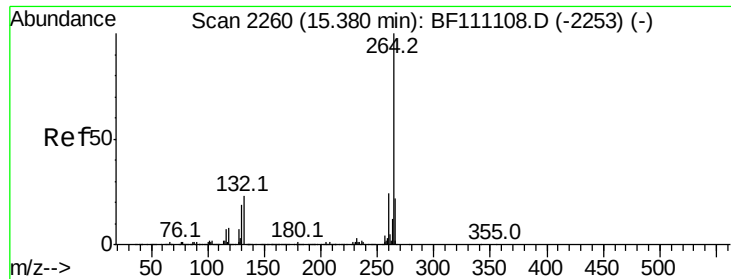
mohammad
12/6/2018 12:11:52 PM



#83
Chrysene
Concen: 2.864 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	26.2	39.2
229	23.5	16.9	25.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111116.D

Acq: 5 Dec 2018 19:26

Instrument :

BNA_F

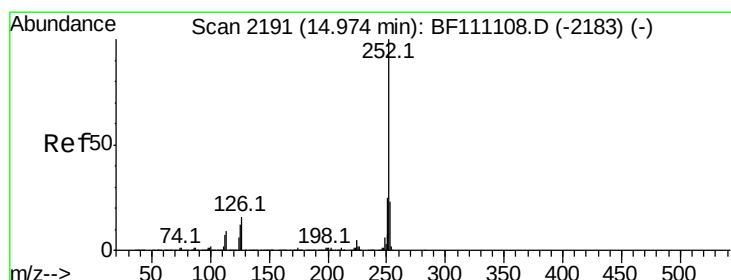
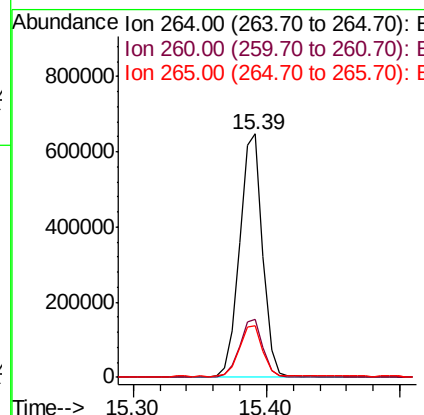
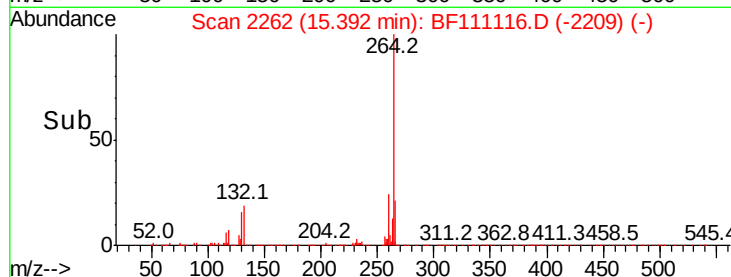
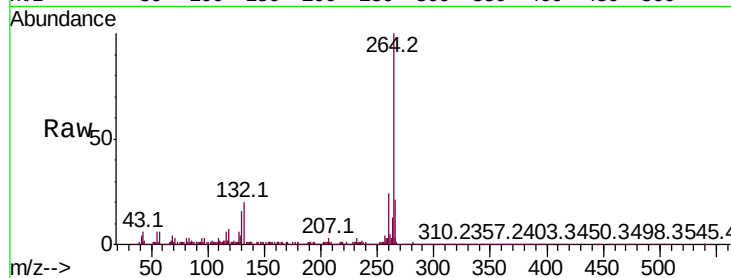
ClientSampleId :

JC-02-113018-B

Tot Ion:	264	Resp:	772670
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.4	29.0
265	21.3	17.4	26.0

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#88

Benzo(b)fluoranthene

Concen: 3.755 ng m

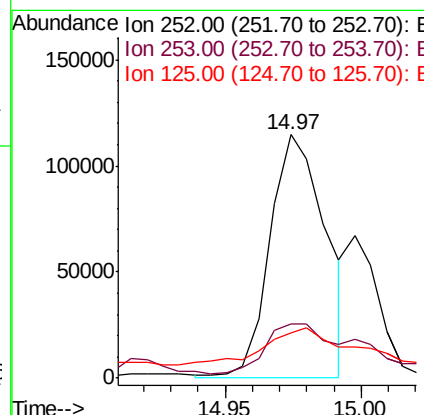
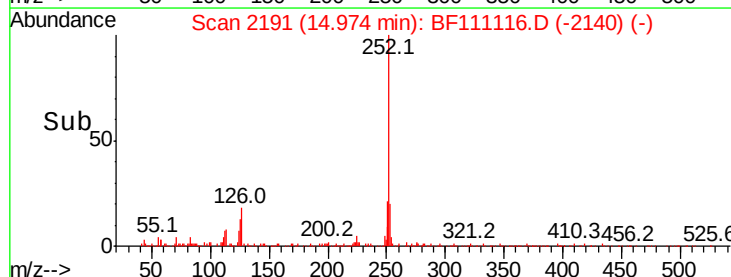
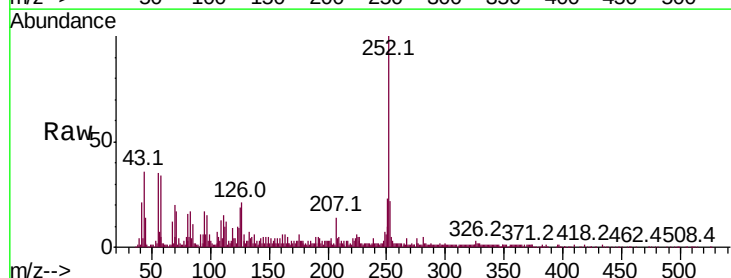
RT: 14.97 min Scan# 2191

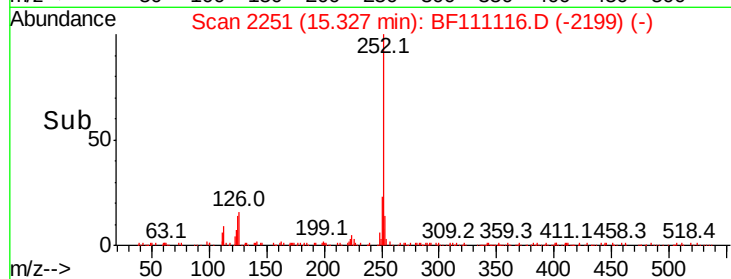
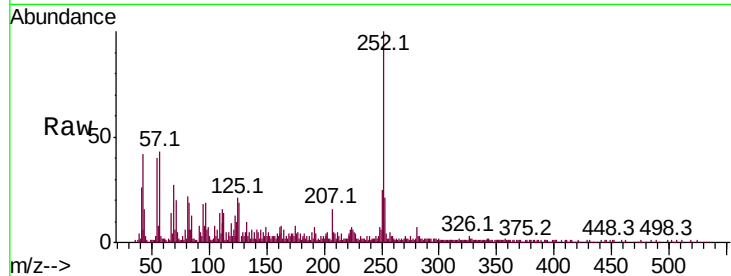
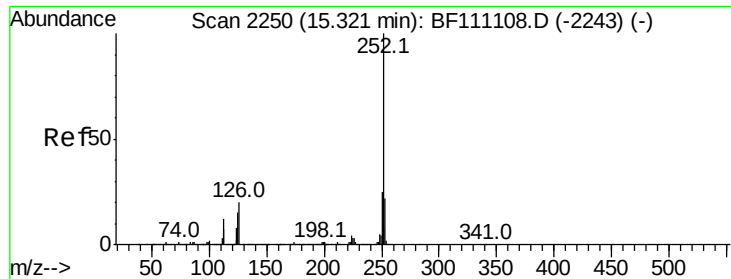
Delta R.T. -0.00 min

Lab File: BF111116.D

Acq: 5 Dec 2018 19:26

Tgt Ion:	252	Resp:	164397
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.5	27.7
125	18.8	9.9	14.9#





#90

Benzo(a)pyrene

Concen: 2.808 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.01 min

Lab File: BF111116.D

Acq: 5 Dec 2018 19:26

Instrument :

BNA_F

ClientSampleId :

JC-02-113018-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	20.9	17.5	26.3		
125	21.5	12.4	18.6		

Manual Integrations
APPROVED

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