

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111610.D
 Acq On : 20 Dec 2018 00:29
 Operator : JU/SJ
 Sample : J6196-09 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-121818-B

Manual Integrations
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Sohil
 12/20/2018 12:42:22 PM

Quant Time: Dec 20 04:29:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	235028	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	878268	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	423229	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	679255	20.00	ng	0.00
76) Chrysene-d12	14.04	240	551962	20.00	ng	0.00
87) Perylene-d12	15.52	264	418174	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	453179	32.87	ng	-0.01
7) Phenol-d6	6.51	99	609172	34.71	ng	-0.01
23) Nitrobenzene-d5	7.45	82	344487	22.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	148339	29.66	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	689362	23.74	ng	0.00
79) Terphenyl-d14	12.99	244	587331	20.18	ng	0.00
Target Compounds						
10) Phenol	6.52	94	47329	2.390	ng	95
50) Dimethylphthalate	9.64	163	101364	3.275	ng	# 98
71) Phenanthrene	11.43	178	224461	6.231	ng	94
72) Anthracene	11.49	178	72338	2.001	ng	95
75) Fluoranthene	12.62	202	225068	6.170	ng	95
78) Pyrene	12.85	202	199227	5.111	ng	97
81) Benzo(a)anthracene	14.03	228	104439	3.315	ng	98
83) Chrysene	14.07	228	84307	2.723	ng	96
88) Benzo(b)fluoranthene	15.09	252	97704m	3.998	ng	
90) Benzo(a)pyrene	15.45	252	65815	2.964	ng	98

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

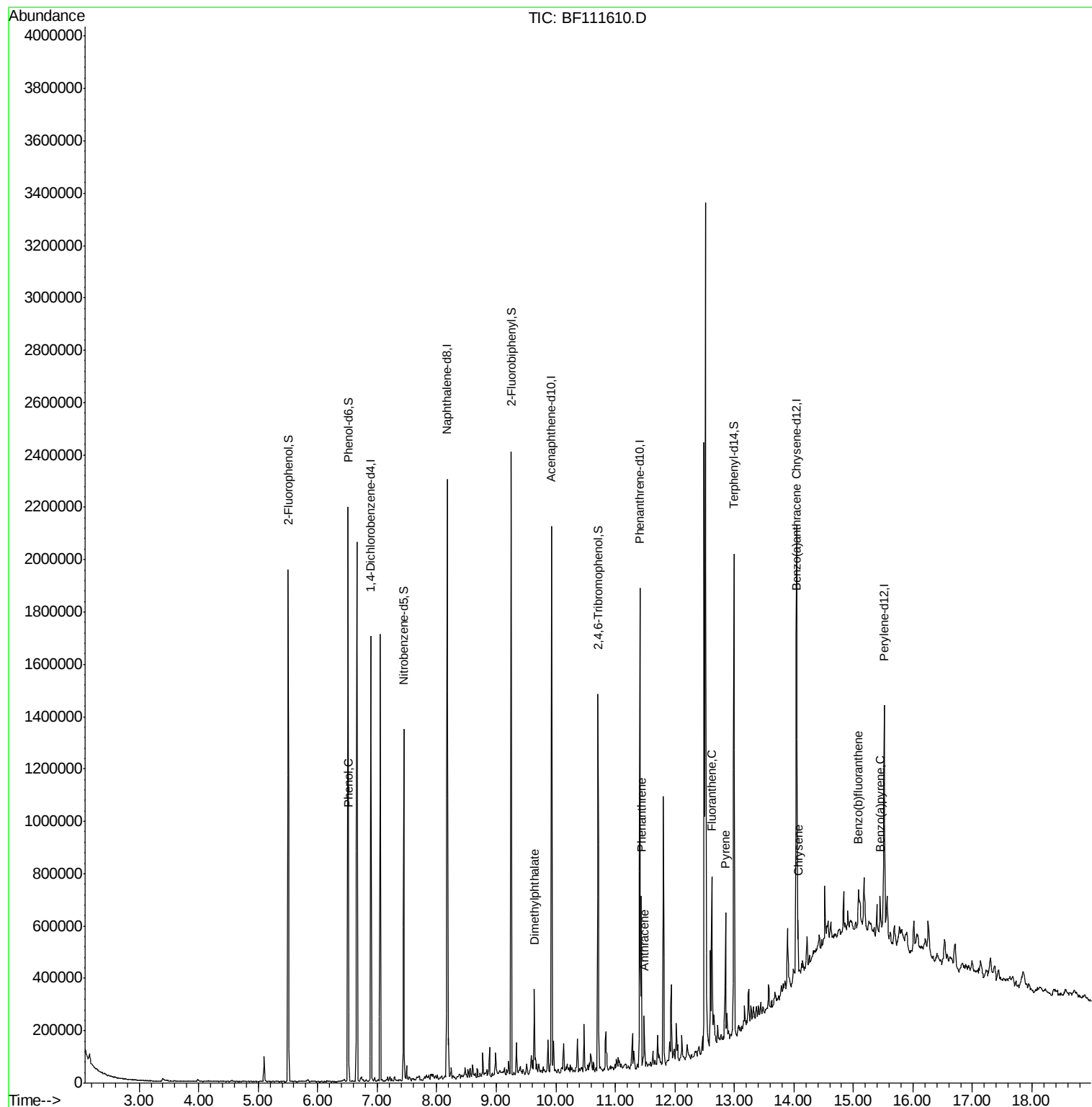
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
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QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration





#1

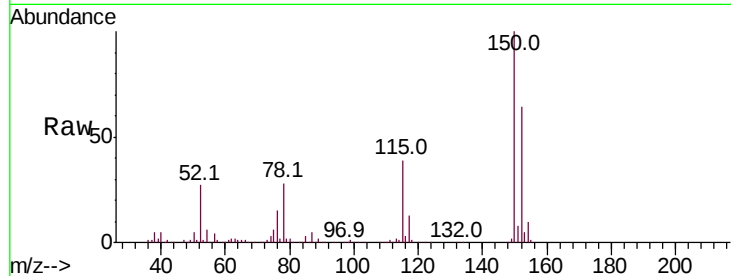
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111610.D
Acq: 20 Dec 2018 00:29

Instrument :
BNA_F
ClientSampleId :
EO-01-121818-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.6	189.8
115	60.3	50.7	76.1

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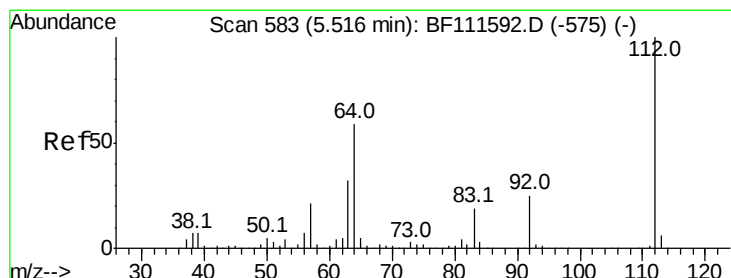
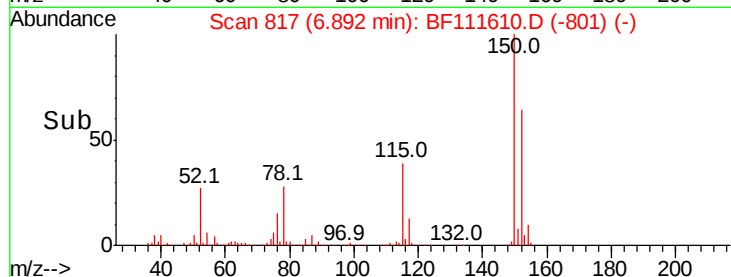
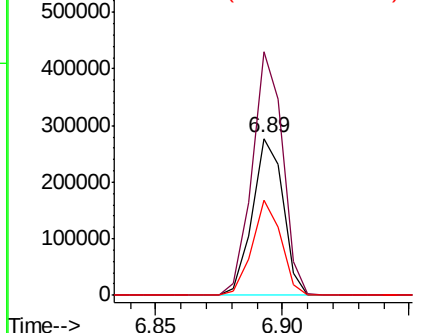


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

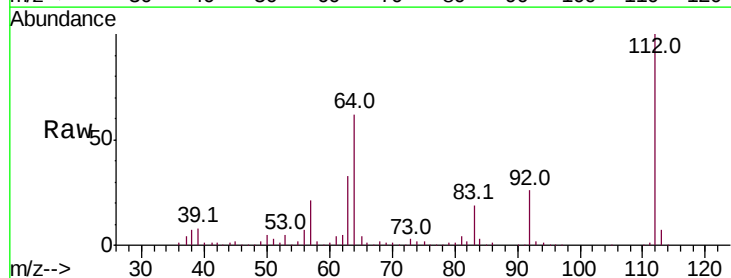
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 32.867 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF111610.D
Acq: 20 Dec 2018 00:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	51.8	77.6
63	32.6	26.8	40.2

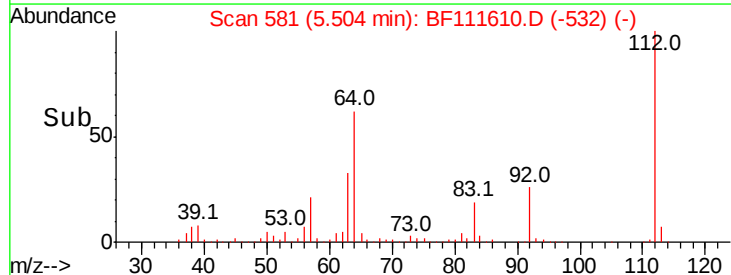
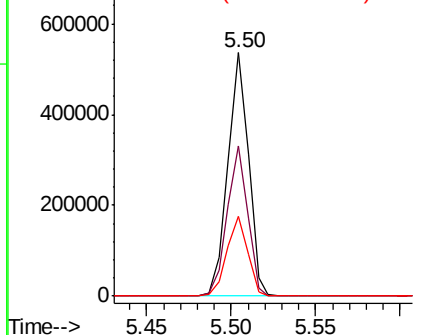


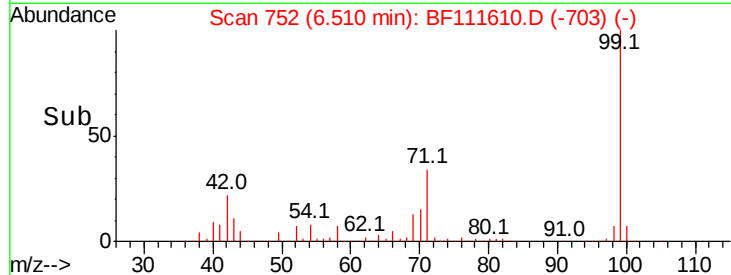
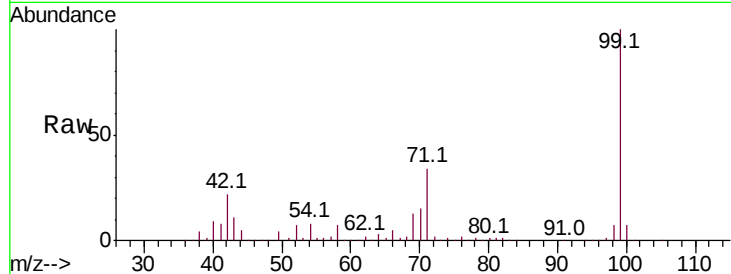
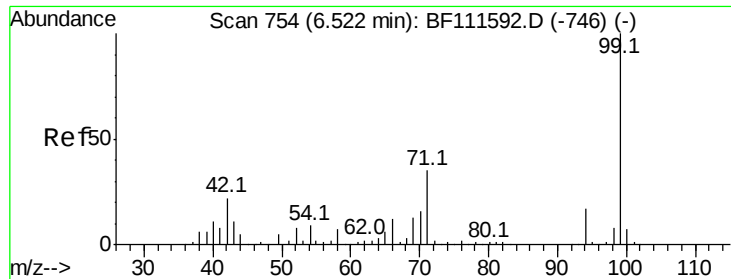
Abundance

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: 34.715 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111610.D

Acq: 20 Dec 2018 00:29

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		609172		
42	21.9	17.4	26.0		
71	34.3	26.1	39.1		

Instrument :

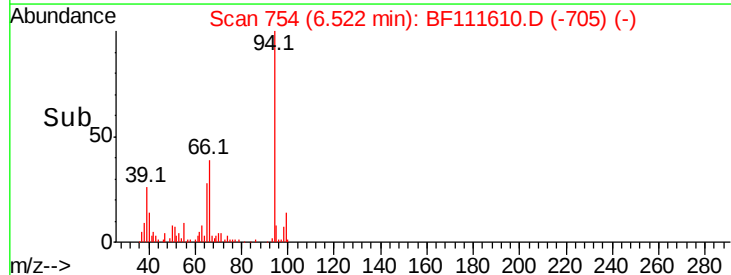
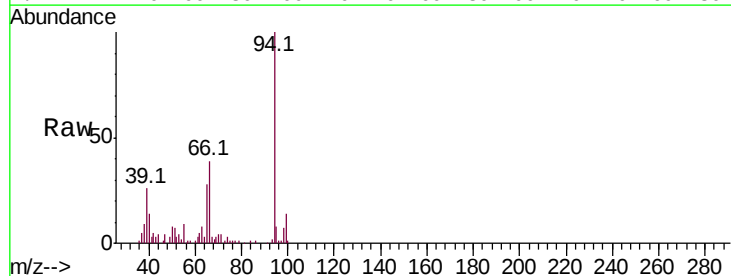
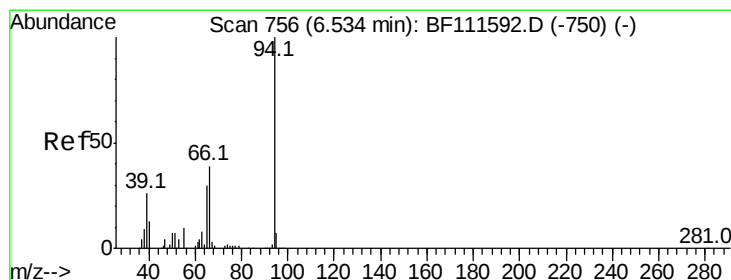
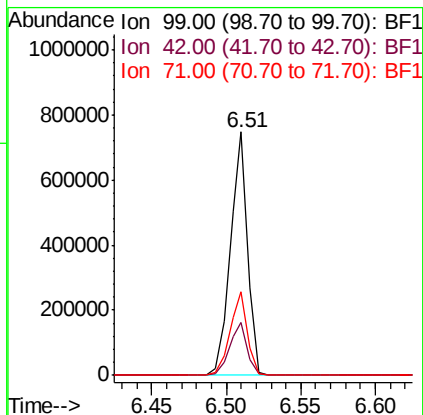
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#10

Phenol

Concen: 2.390 ng

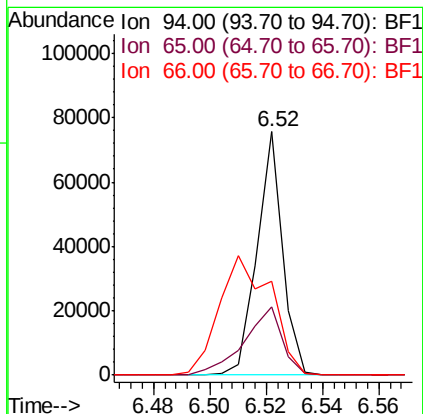
RT: 6.52 min Scan# 754

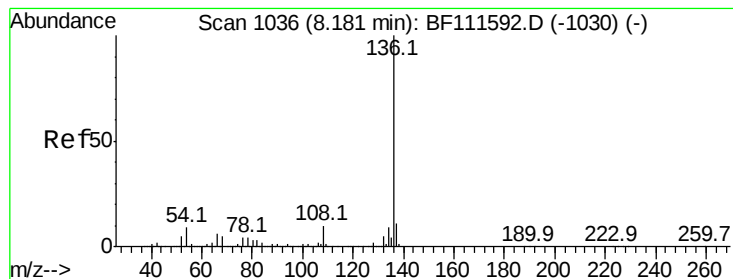
Delta R.T. -0.01 min

Lab File: BF111610.D

Acq: 20 Dec 2018 00:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		47329		
65	27.8	11.7	51.7		
66	38.5	21.0	61.0		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111610.D

Acq: 20 Dec 2018 00:29

Instrument :

BNA_F

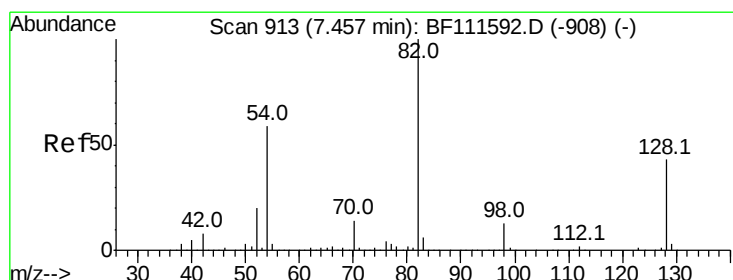
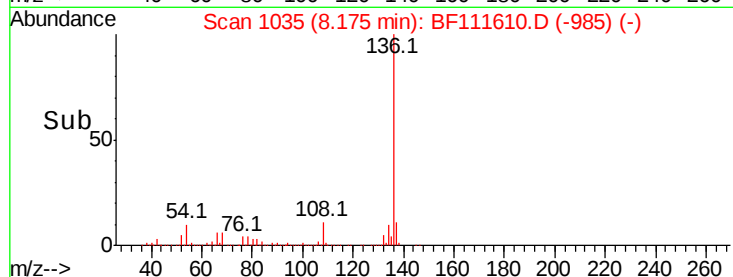
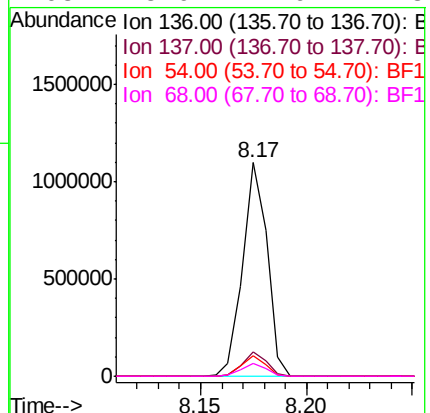
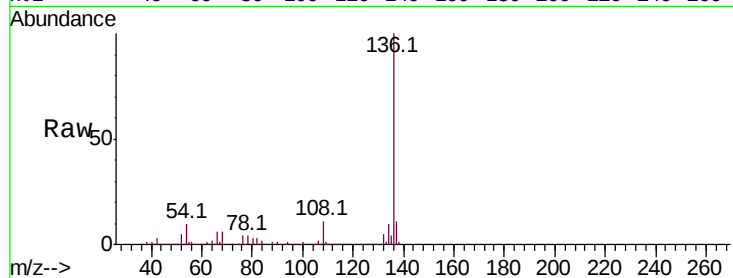
ClientSampleId :

EO-01-121818-B

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	9.6	7.7	11.5	
68	5.9	4.9	7.3	

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#23

Nitrobenzene-d5

Concen: 22.831 ng

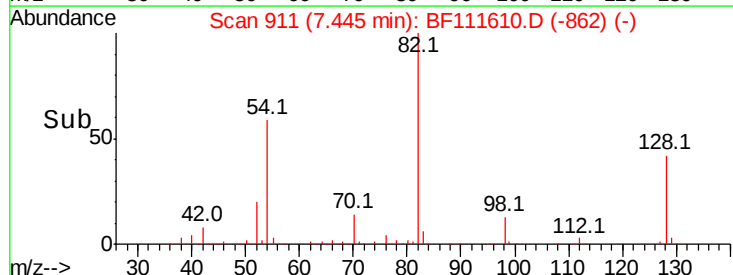
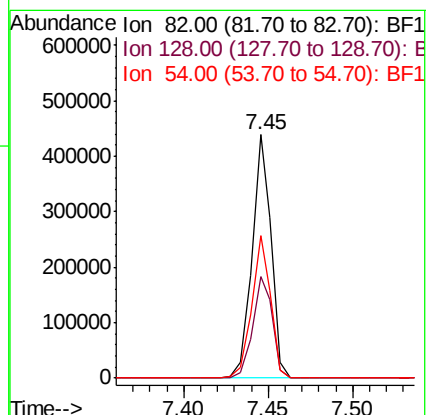
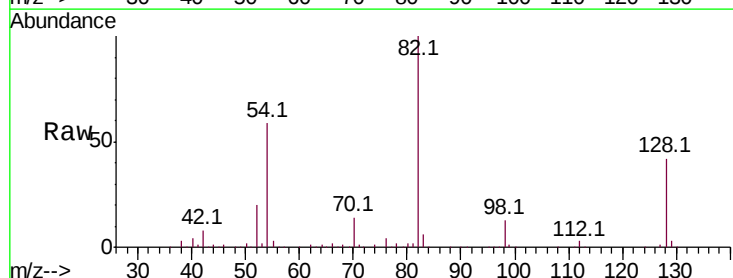
RT: 7.45 min Scan# 911

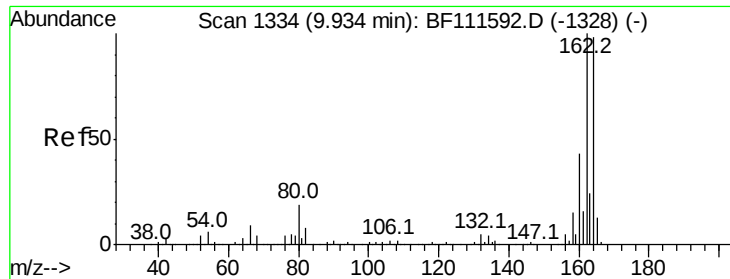
Delta R.T. -0.01 min

Lab File: BF111610.D

Acq: 20 Dec 2018 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.9	37.4	56.2	
54	58.5	47.6	71.4	





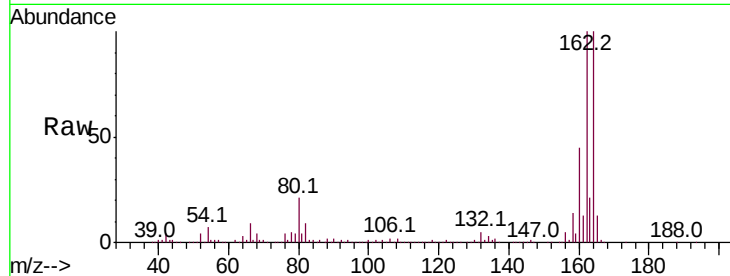
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111610.D
Acq: 20 Dec 2018 00:29

Instrument :
BNA_F
ClientSampleId :
EO-01-121818-B

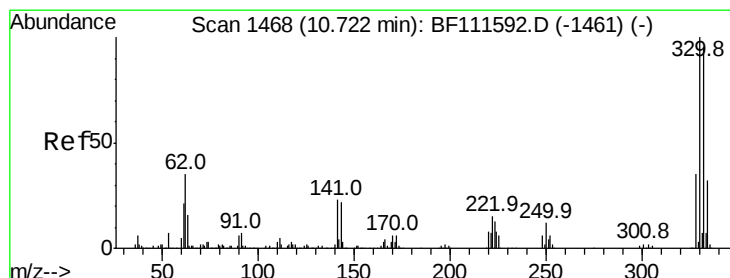
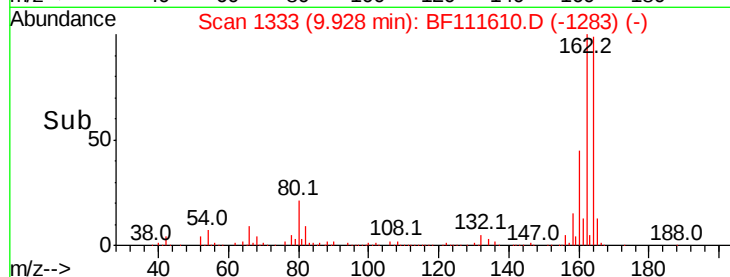
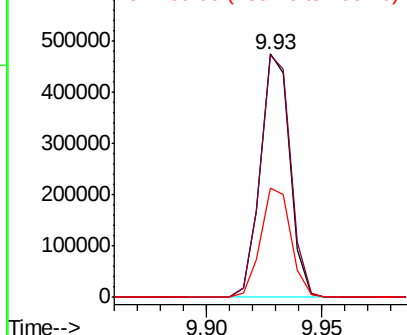
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.4	122.0
160	44.7	35.7	53.5

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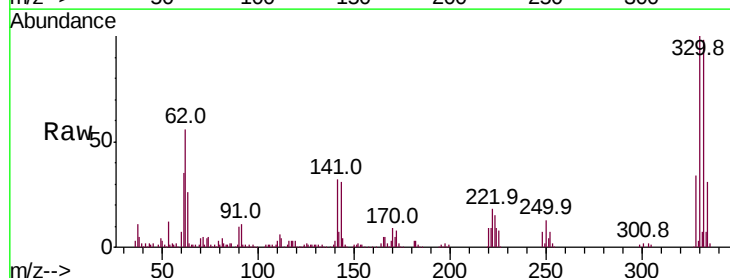


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

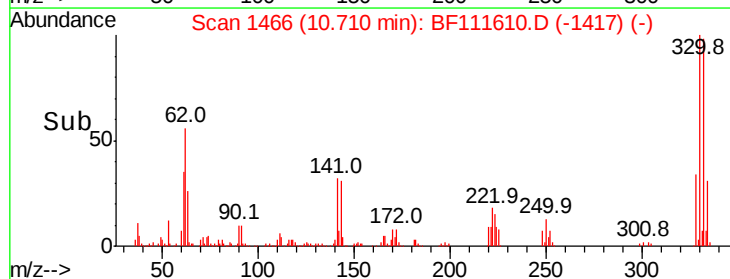
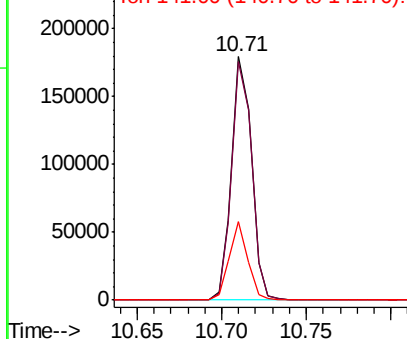


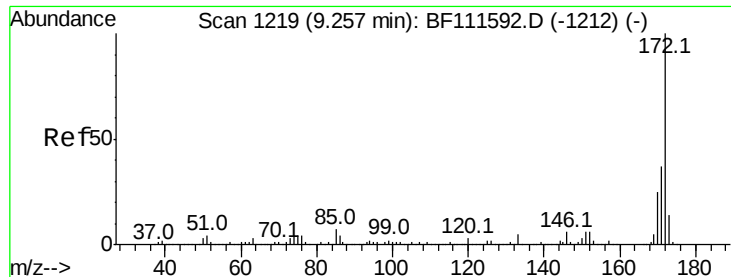
#42
2,4,6-Tribromophenol
Concen: 29.663 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111610.D
Acq: 20 Dec 2018 00:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.0	114.0
141	29.8	31.0	46.6



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





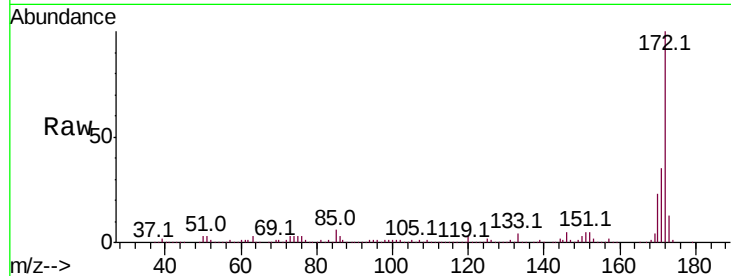
#45
2-Fluorobiphenyl
Concen: 23.741 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111610.D
Acq: 20 Dec 2018 00:29

Instrument :
BNA_F
ClientSampleId :
EO-01-121818-B

Tot Ion	Ratio	Resp	Lower	Upper
172	100	689362		
171	35.2		33.0	49.4
170	23.2		22.3	33.5

Manual Integrations
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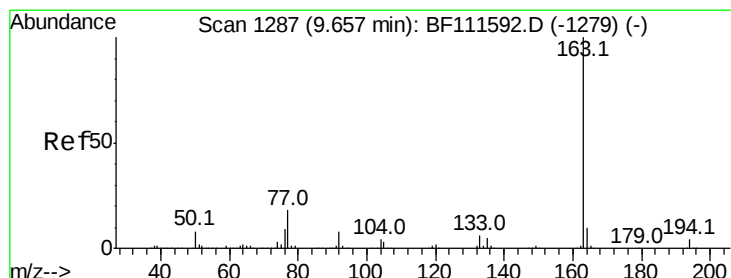
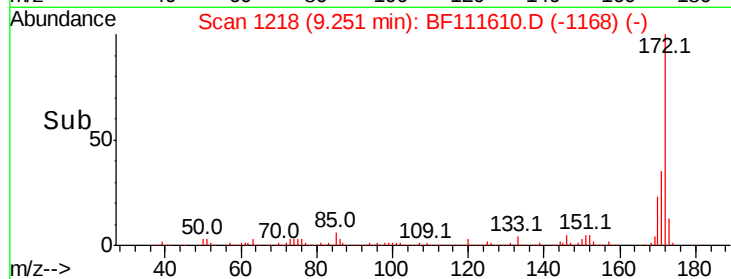
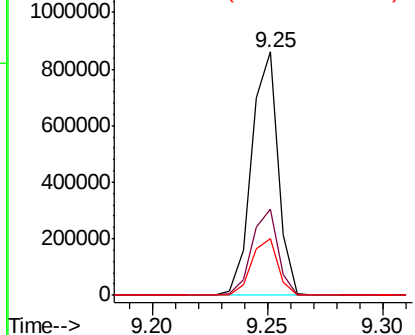


Abundance

Ion 172.00 (171.70 to 172.70): E

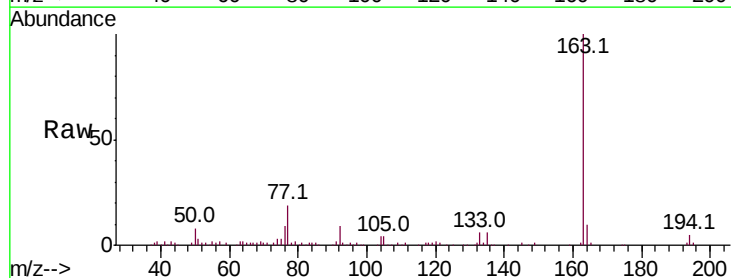
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 3.275 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111610.D
Acq: 20 Dec 2018 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	101364		
194	4.7		3.0	4.6#
164	10.2		8.9	13.3

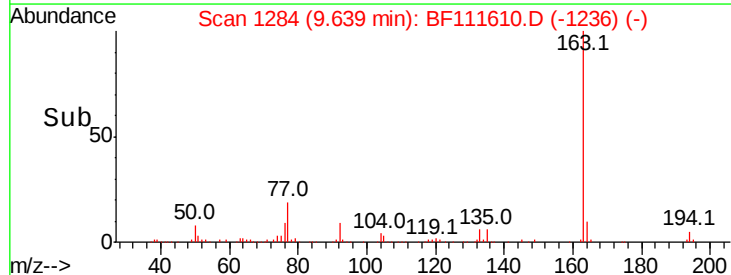
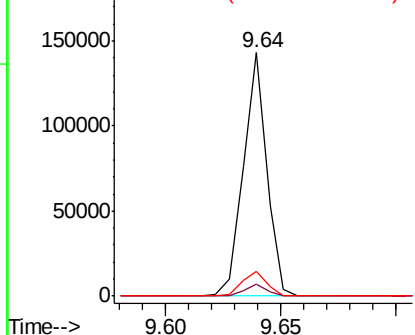


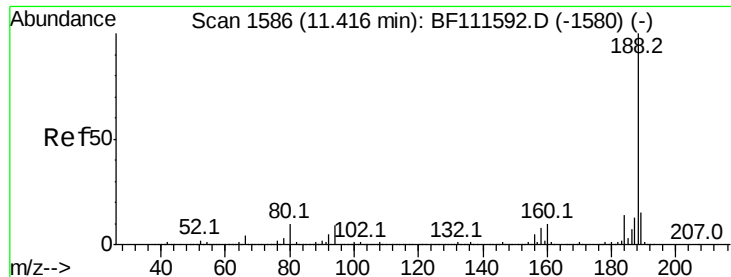
Abundance

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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111610.D

Acq: 20 Dec 2018 00:29

Instrument :

BNA_F

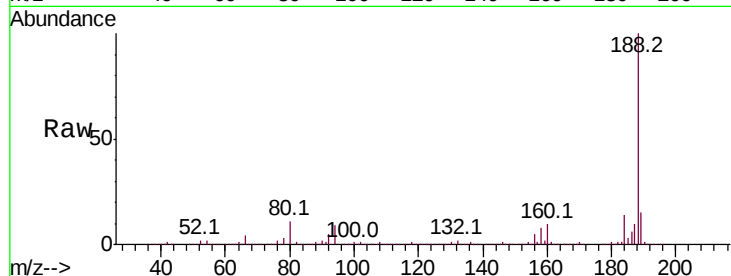
ClientSampleId :

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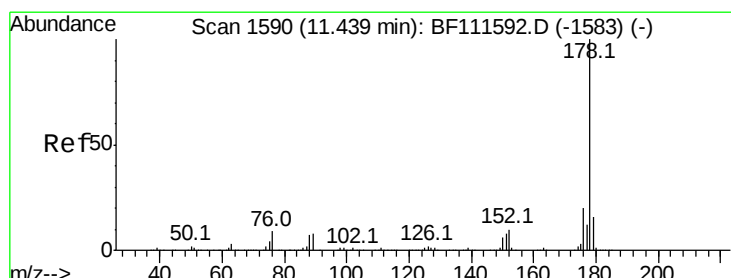
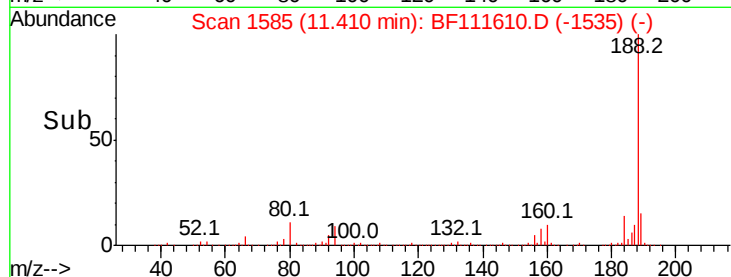
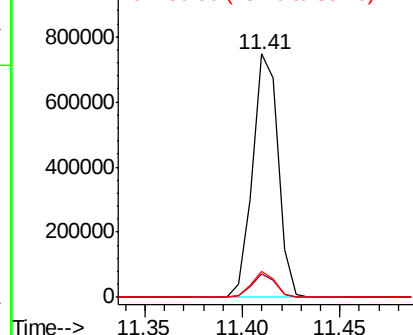
Tot Ion:188	Resp: 679255
Ion Ratio	Lower Upper
188 100	
94 9.4	9.6 14.4#
80 10.7	9.8 14.6

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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: 6.231 ng

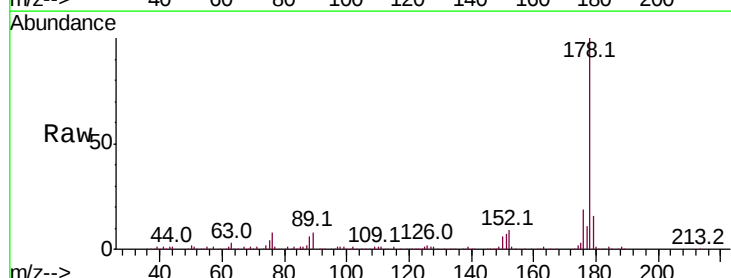
RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

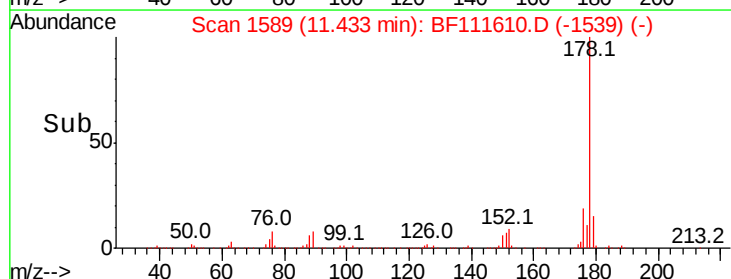
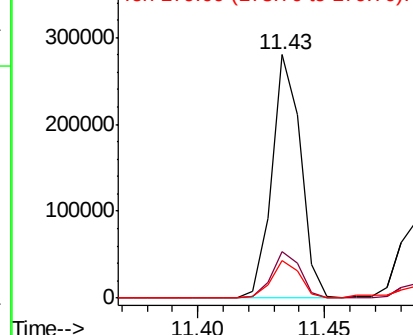
Lab File: BF111610.D

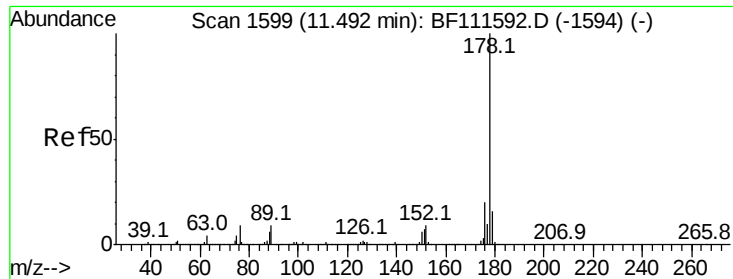
Acq: 20 Dec 2018 00:29

Tgt Ion:178	Resp: 224461
Ion Ratio	Lower Upper
178 100	
176 19.0	18.1 27.1
179 15.6	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





#72

Anthracene

Concen: 2.001 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF111610.D

Acq: 20 Dec 2018 00:29

Instrument :

BNA_F

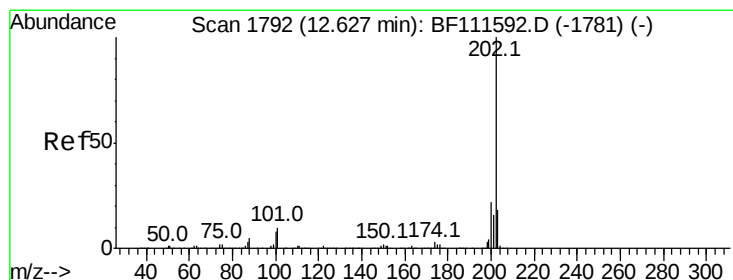
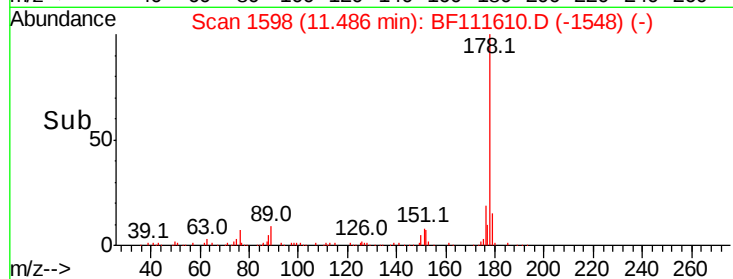
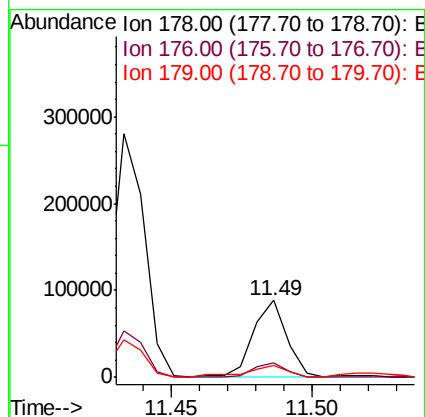
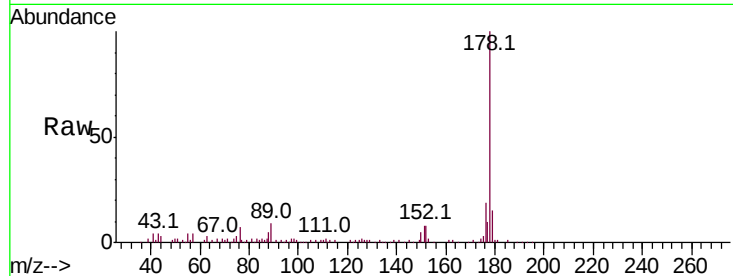
ClientSampleId :

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Tot Ion:	178	Resp:	72338
Ion Ratio	Lower	Upper	
178	100		
176	18.8	17.2	25.8
179	15.2	13.8	20.8

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#75

Fluoranthene

Concen: 6.170 ng

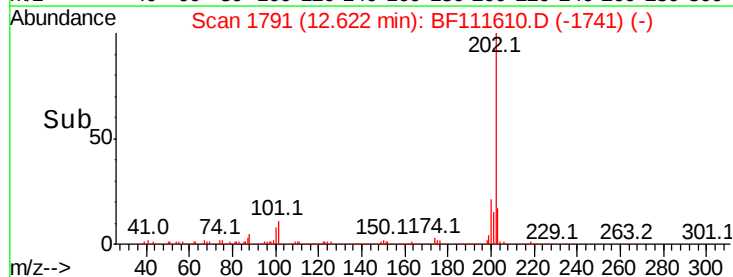
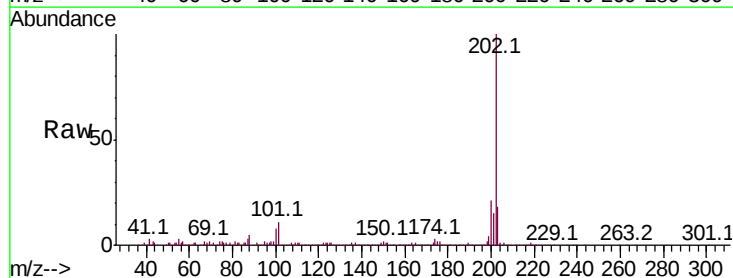
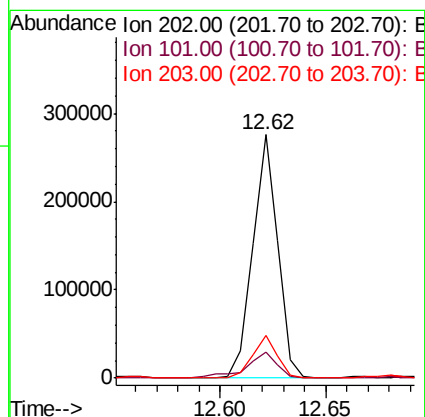
RT: 12.62 min Scan# 1791

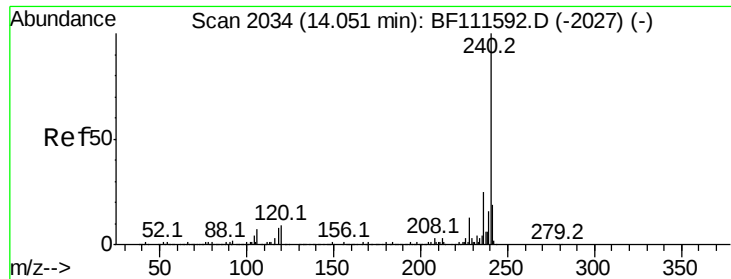
Delta R.T. -0.01 min

Lab File: BF111610.D

Acq: 20 Dec 2018 00:29

Tgt Ion:	202	Resp:	225068
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	33.8
203	17.6	0.0	38.6





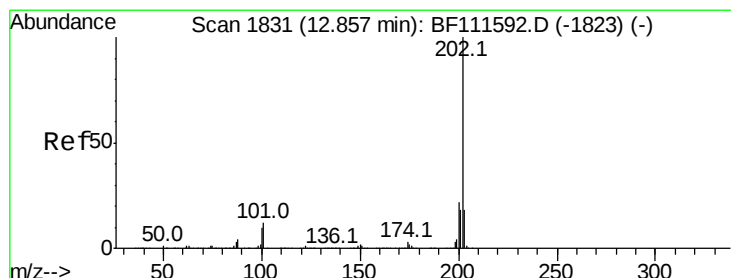
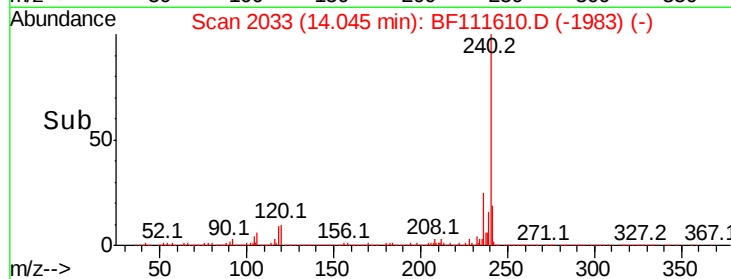
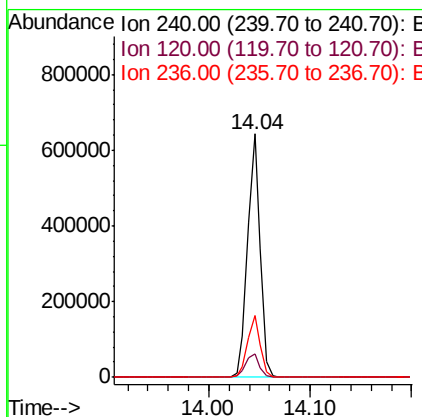
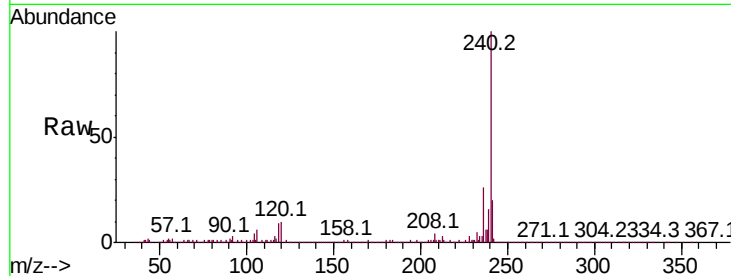
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111610.D
Acq: 20 Dec 2018 00:29

Instrument :
BNA_F
ClientSampleId :
EO-01-121818-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	12.2	18.2#
236	25.6	20.2	30.2

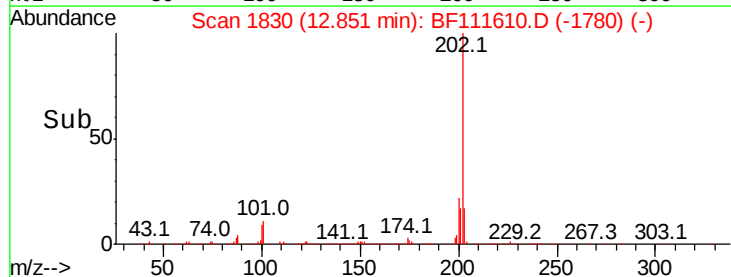
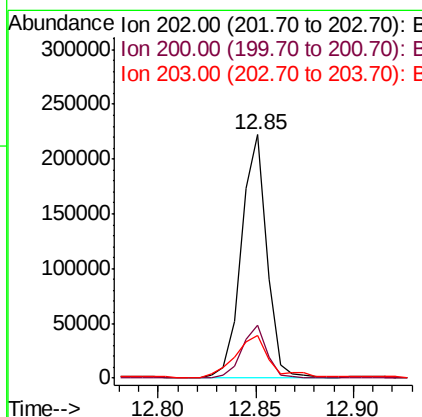
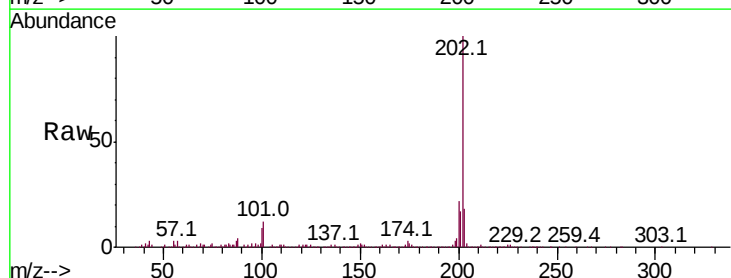
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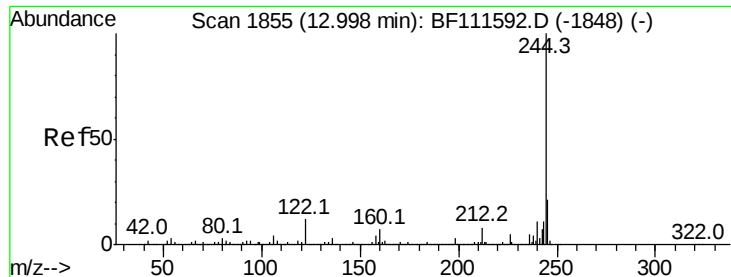
Sohil
12/20/2018 12:42:22 PM



#78
Pyrene
Concen: 5.111 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111610.D
Acq: 20 Dec 2018 00:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	19.0	28.4
203	17.7	15.2	22.8





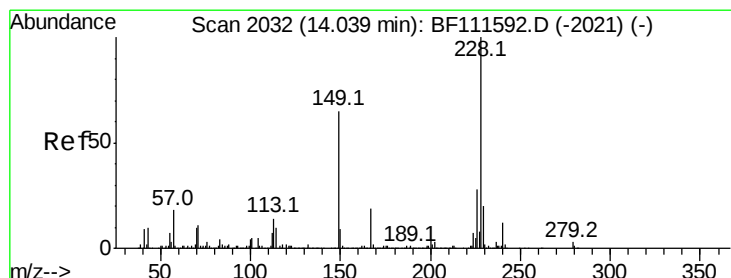
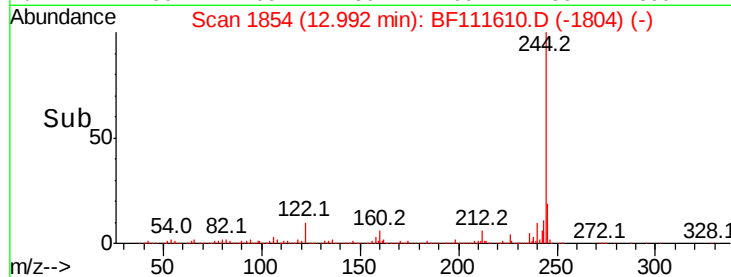
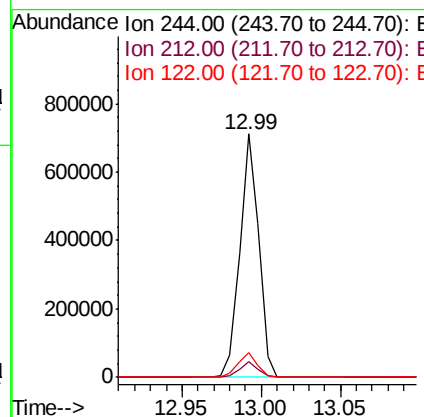
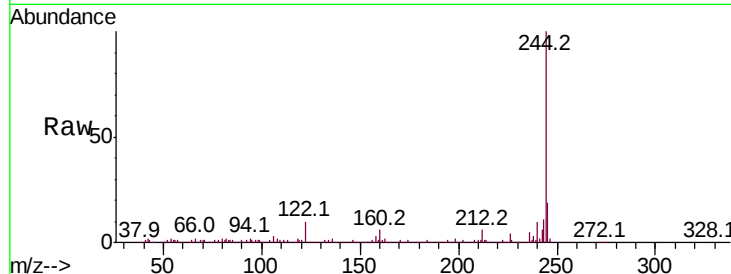
#79
 Terphenyl-d14
 Concen: 20.179 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111610.D
 Acq: 20 Dec 2018 00:29

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-121818-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	10.0	13.1	19.7

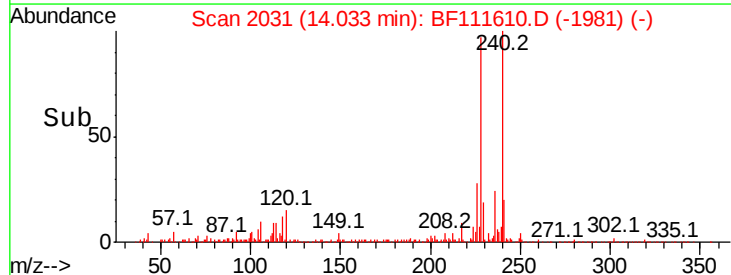
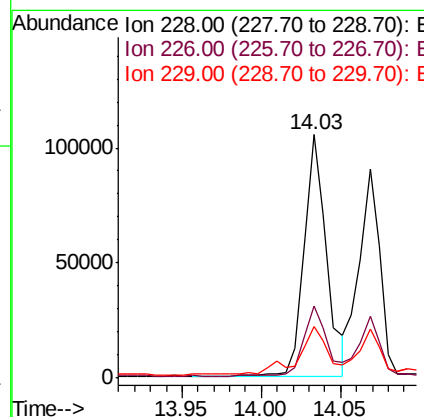
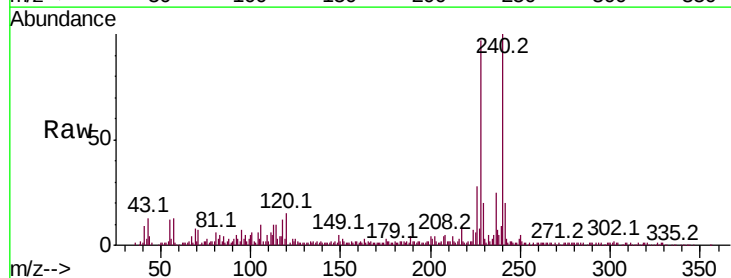
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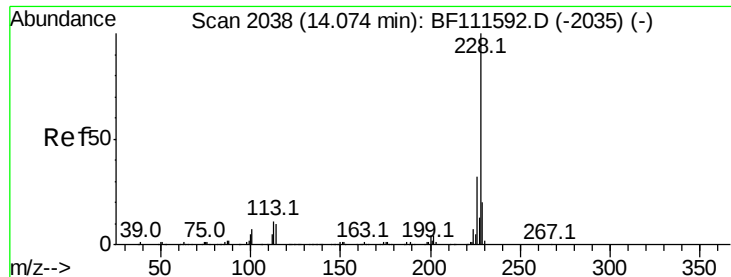
Sohil
 12/20/2018 12:42:22 PM



#81
 Benzo(a)anthracene
 Concen: 3.315 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF111610.D
 Acq: 20 Dec 2018 00:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	34.0
229	21.0	16.3	24.5





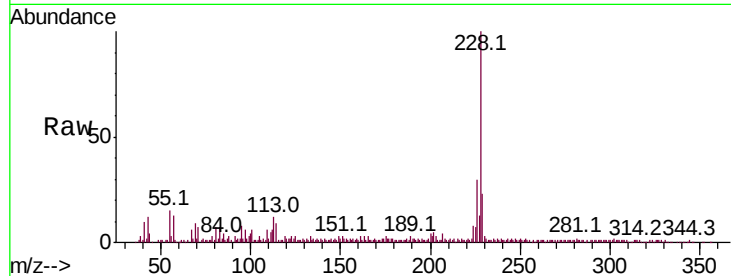
#83
Chrysene
Concen: 2.723 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF111610.D
Acq: 20 Dec 2018 00:29

Instrument :
BNA_F
ClientSampleId :
EO-01-121818-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.3	37.9
229	23.5	17.2	25.8

Manual Integrations
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12/20/2018 12:42:22 PM

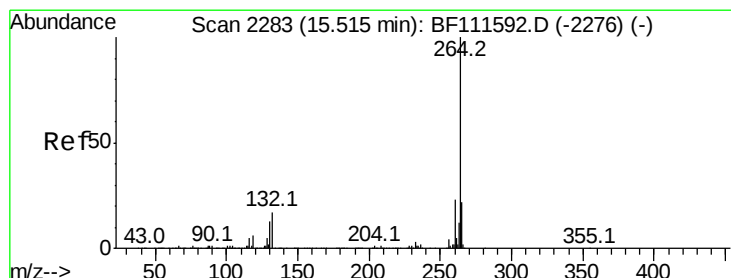
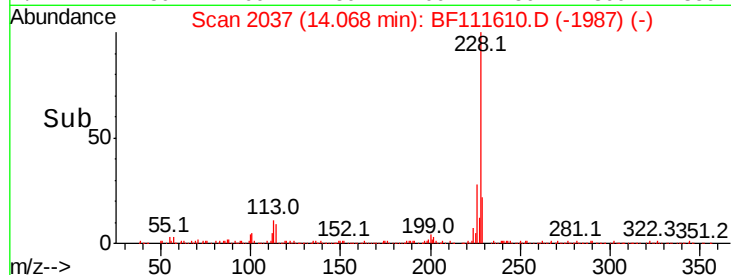
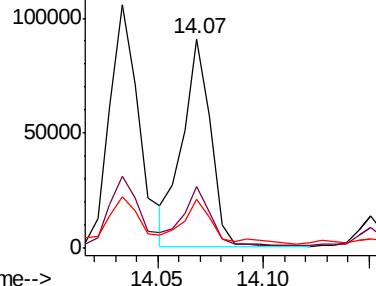


Abundance

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



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF111610.D
Acq: 20 Dec 2018 00:29

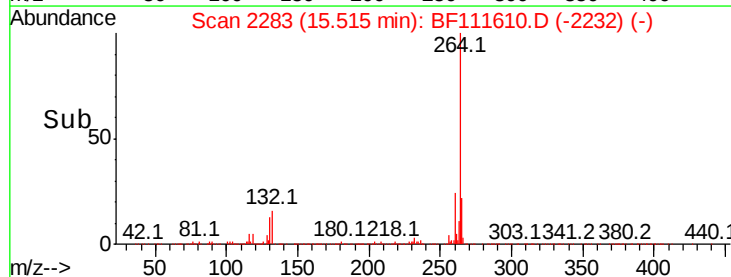
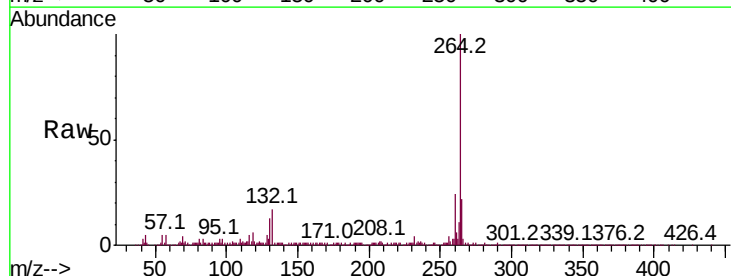
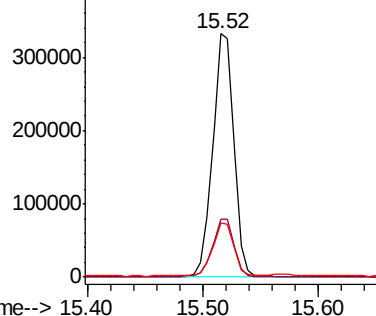
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	22.1	17.7	26.5

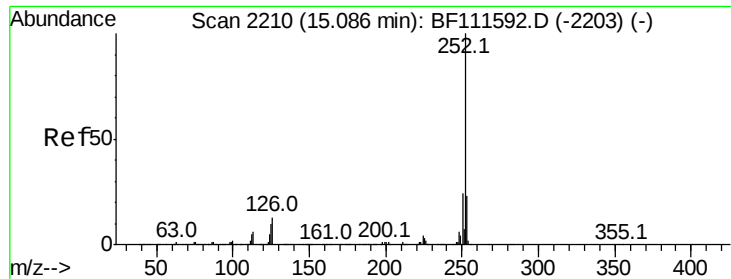
Abundance

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





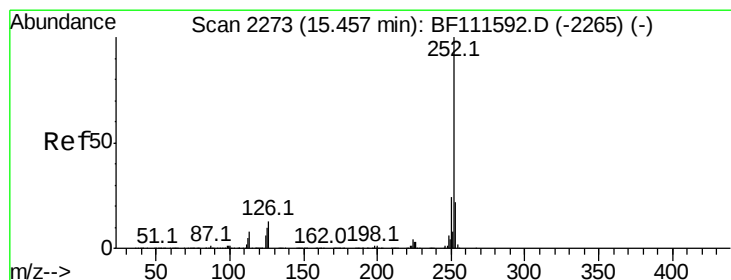
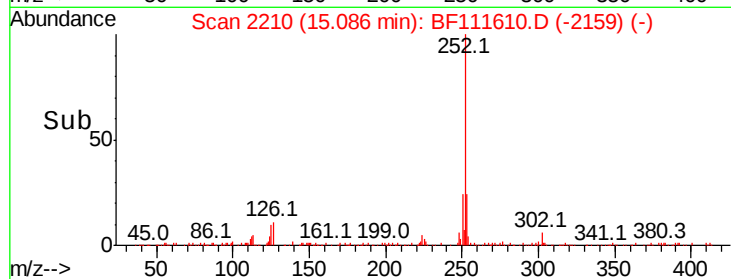
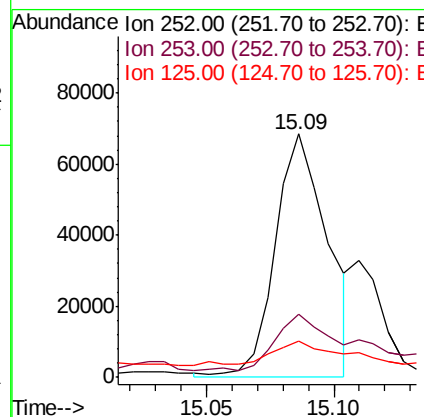
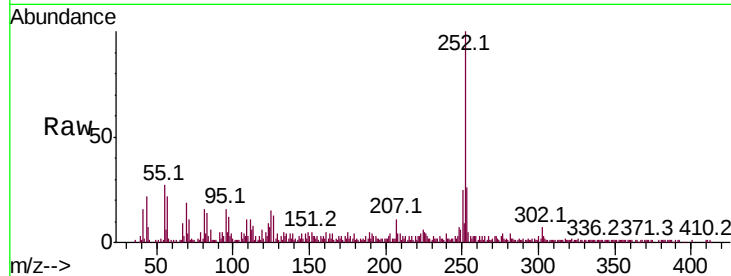
#88
Benzo(b)fluoranthene
Concen: 3.998 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF111610.D
Acq: 20 Dec 2018 00:29

Instrument :
BNA_F
ClientSampleId :
EO-01-121818-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.2	27.2
125	15.0	10.4	15.6

Manual Integrations
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Sohil
12/20/2018 12:42:22 PM



#90
Benzo(a)pyrene
Concen: 2.964 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF111610.D
Acq: 20 Dec 2018 00:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	15.3	12.3	18.5

