Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111701.D
Acq On : 21 Dec 2018 21:36
Operator : JU/SJ
Sample : J6192-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-122018

Manual Integrations APPROVED
Sohil
12/26/2018 5:03:12 PM

Quant Time: Dec 22 00:36:51 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	6.90	152	145090	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	516005	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	232301	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	442105	20.00	ng	0.01
76) Chrysene-d12	14.06	240	363242	20.00	ng	0.01
87) Perylene-d12	15.54	264	285133	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	461903	54.26	ng	0.01
7) Phenol-d6	6.53	99	569335	52.56	ng	0.01
23) Nitrobenzene-d5	7.46	82	343959	38.80	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	156473	57.01	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	568845	35.69	ng	0.00
79) Terphenyl-d14	13.00	244	598760	31.26	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.55	94	45633	3.733	ng	99
50) Dimethylphthalate	9.65	163	86004	5.063	ng	98
71) Phenanthrene	11.44	178	80270	3.424	ng	93
75) Fluoranthene	12.64	202	163395	6.882	ng	93
78) Pyrene	12.86	202	137633	5.366	ng	96
81) Benzo(a)anthracene	14.05	228	68354	3.297	ng	98
83) Chrysene	14.09	228	54625	2.681	ng	98
88) Benzo(b)fluoranthene	15.11	252	56957m	3.418	ng	
90) Benzo(a)pyrene	15.48	252	38524	2.545	ng	# 91

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

Quantitation Report (QT/LSC Reviewed)

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Instrument :
BNA_F
ClientSampleId :
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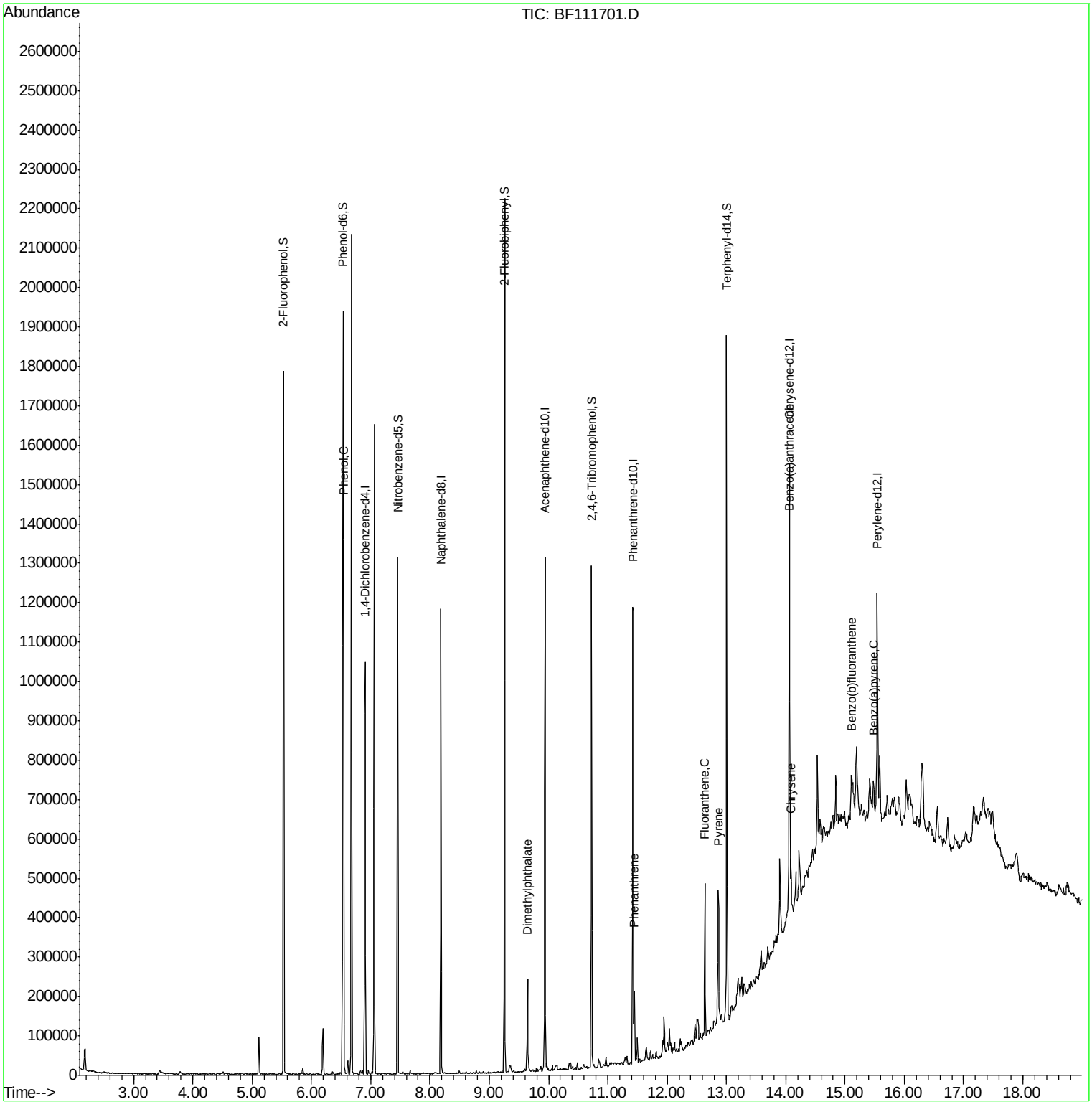
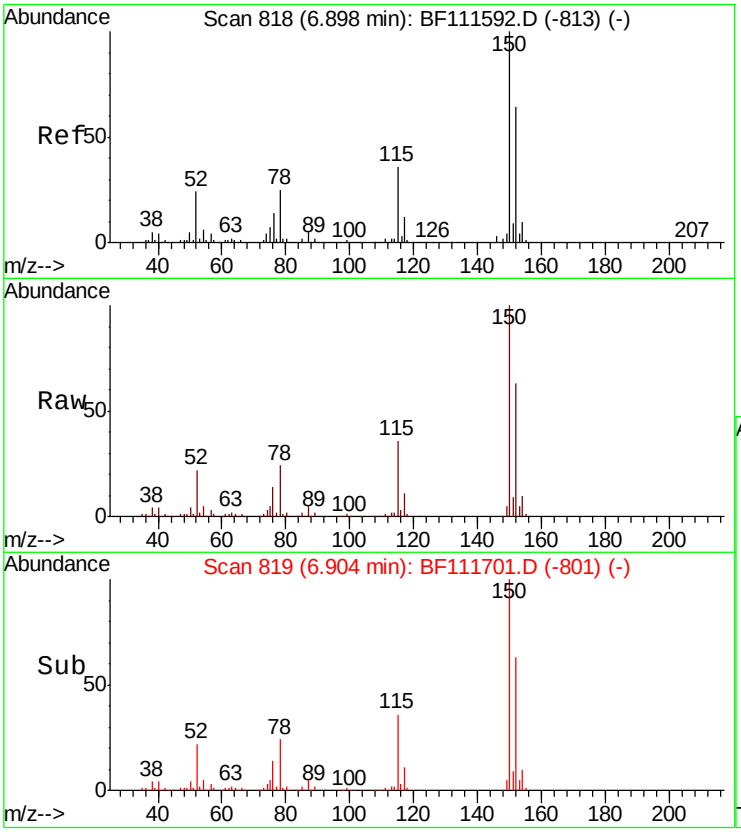
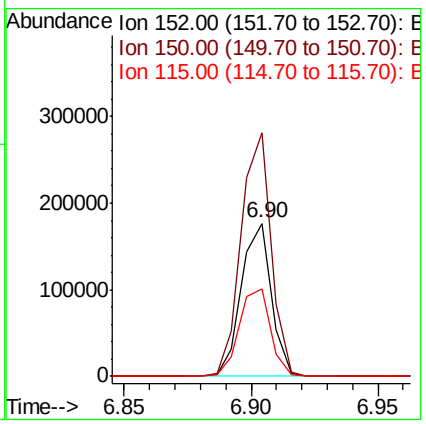




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion:152 Resp: 145090

Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.6	189.8
115	57.6	50.7	76.1



Instrument :
BNA_F
ClientSampleId :
HD-01-122018

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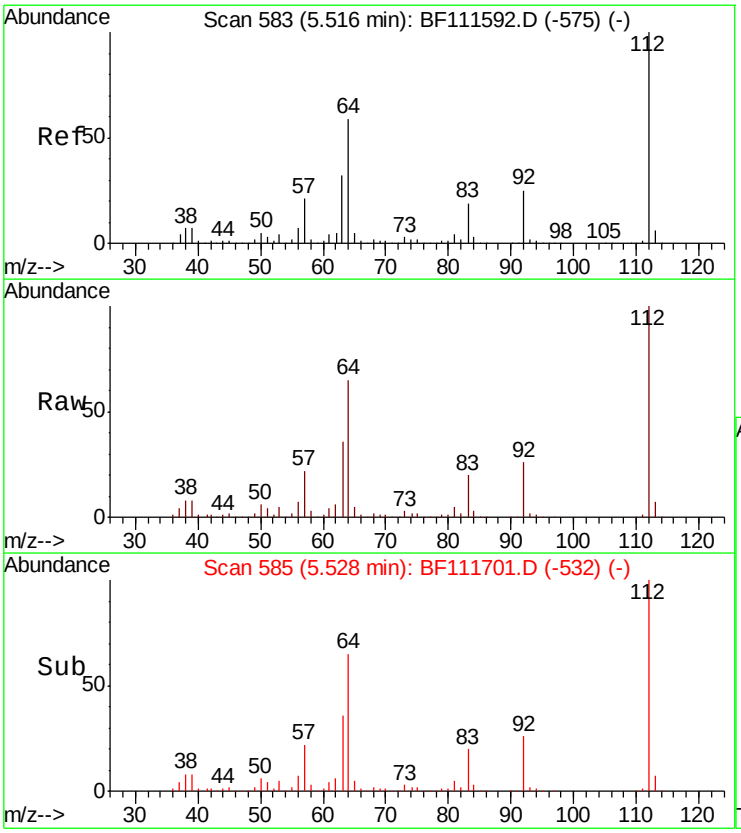
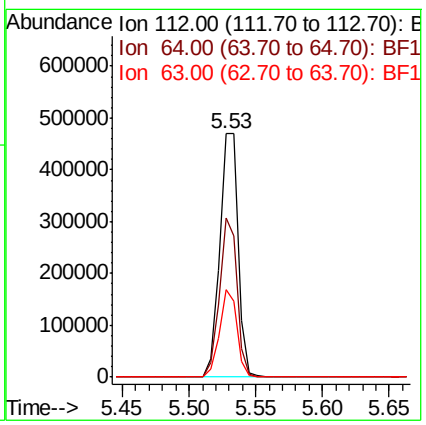
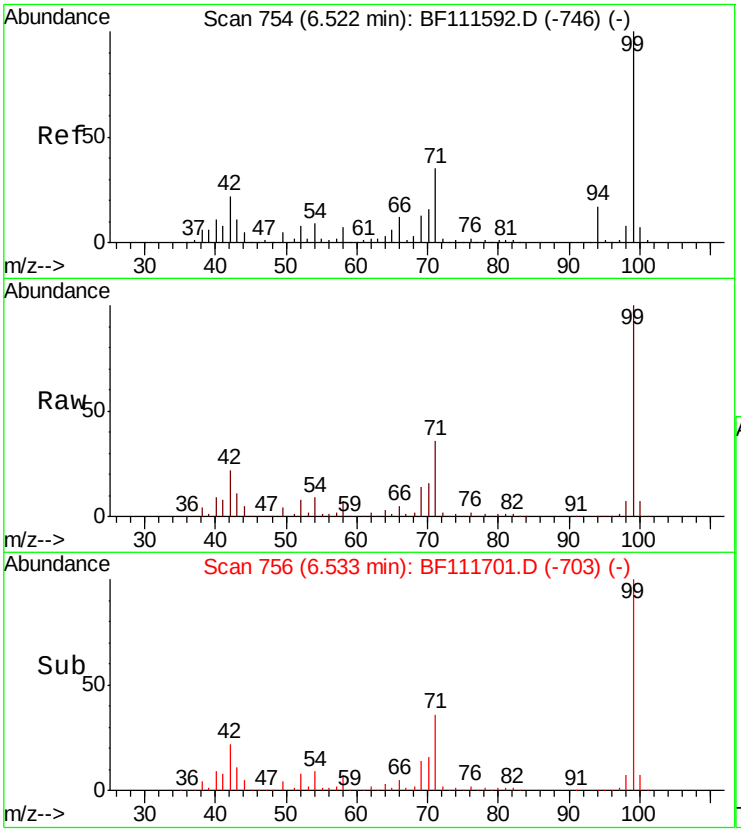


#5
2-Fluorophenol
Concen: 54.265 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion:112 Resp: 461903

Ion	Ratio	Lower	Upper
112	100		
64	65.3	51.8	77.6
63	35.9	26.8	40.2

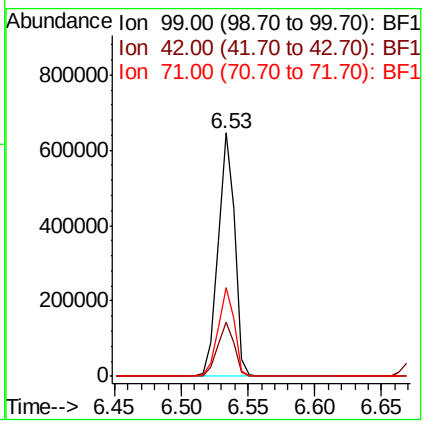




#7
Phenol-d6
Concen: 52.557 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion: 99 Resp: 569335

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.4	26.0
71	36.5	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
HD-01-122018

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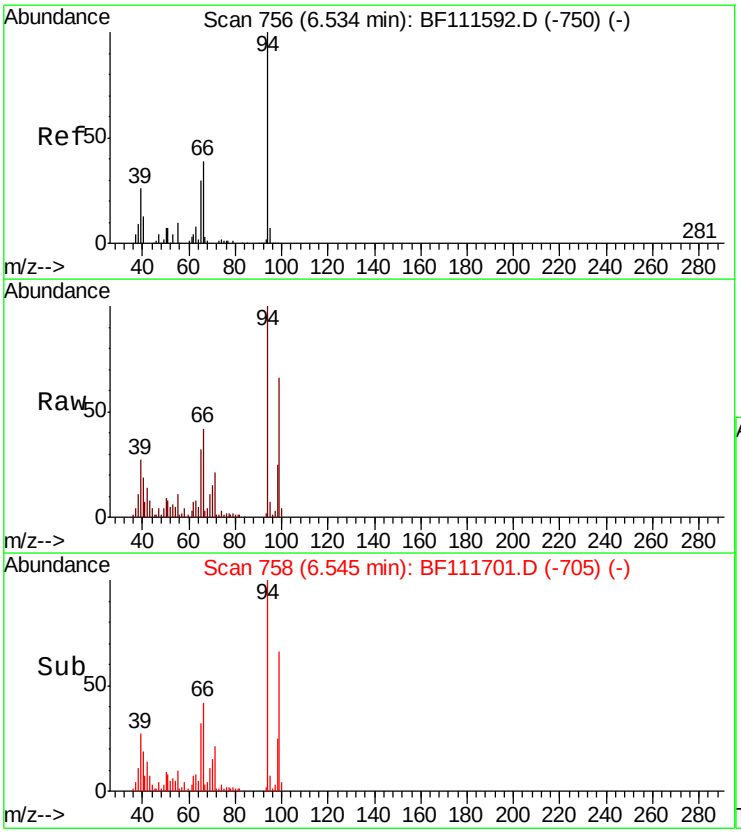
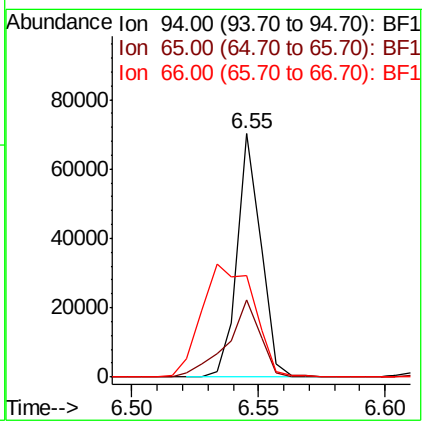
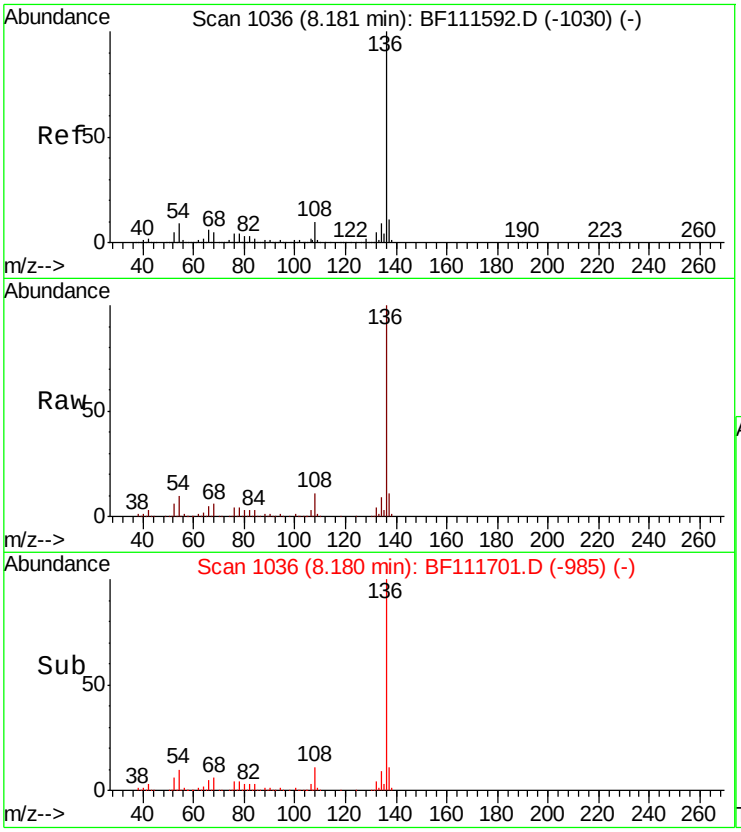


#10
Phenol
Concen: 3.733 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion: 94 Resp: 45633

Ion	Ratio	Lower	Upper
94	100		
65	31.5	11.7	51.7
66	41.7	21.0	61.0

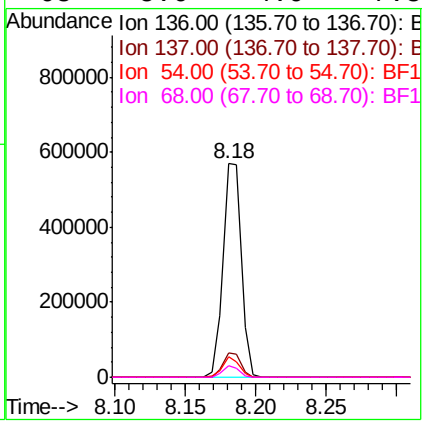




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion:136 Resp: 516005

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.5	7.7	11.5
68	5.6	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
HD-01-122018

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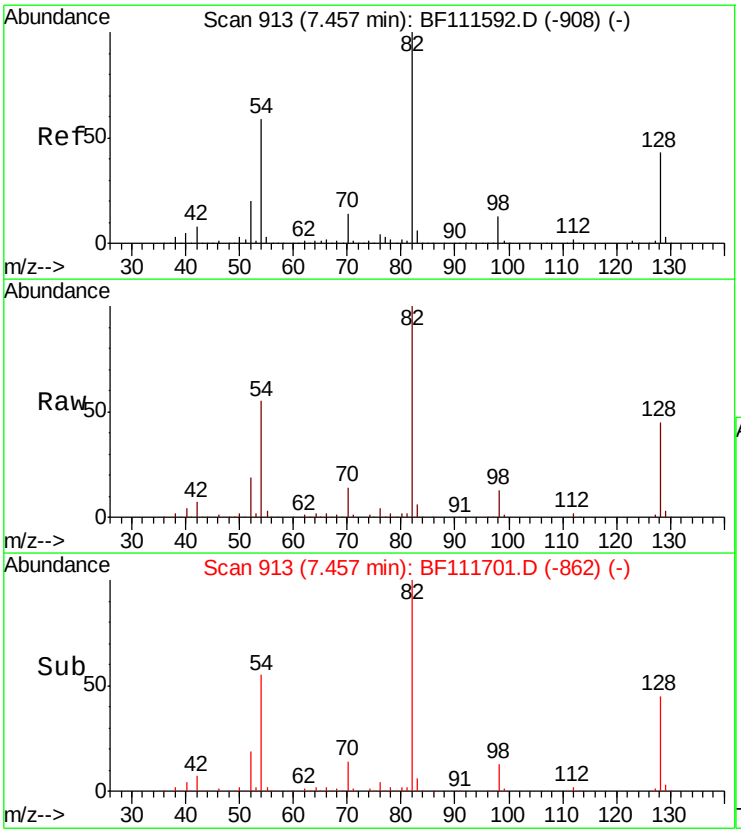
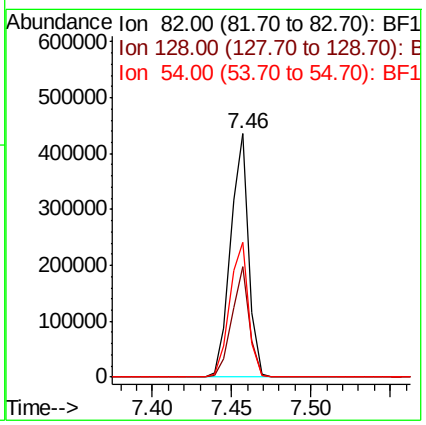
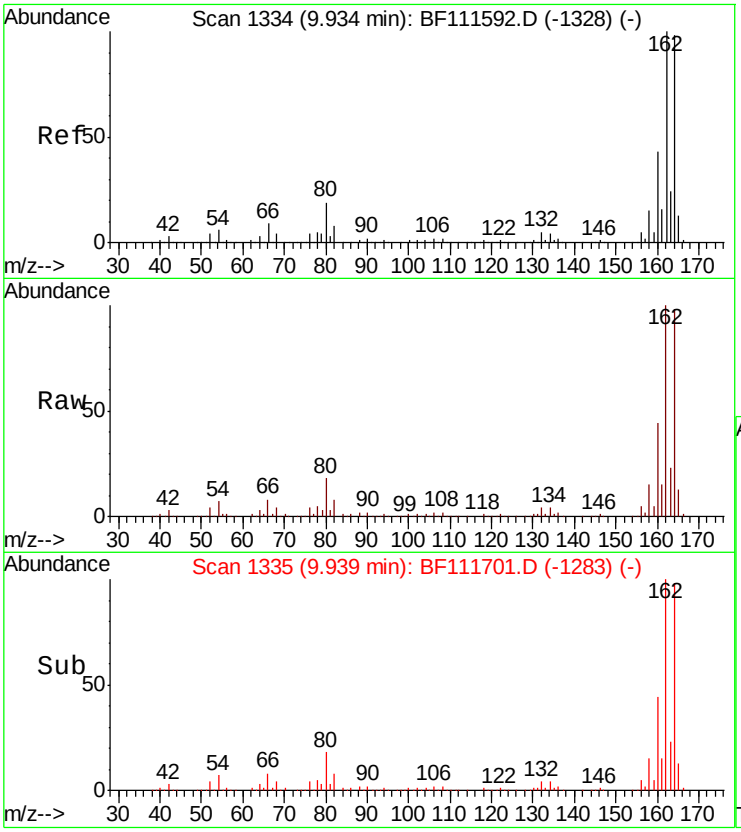


#23
Nitrobenzene-d5
Concen: 38.800 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion: 82 Resp: 343959

Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.4	56.2
54	55.5	47.6	71.4

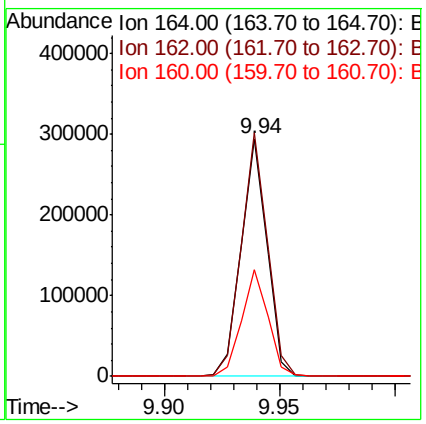




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion:164 Resp: 232301

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.4	122.0
160	44.9	35.7	53.5



Instrument :
BNA_F
ClientSampleId :
HD-01-122018

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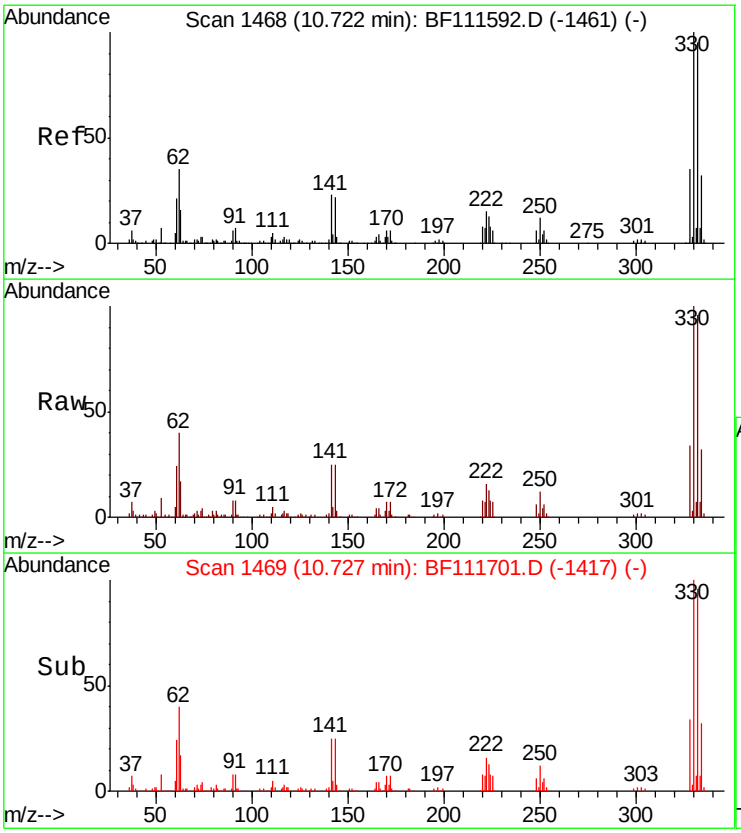
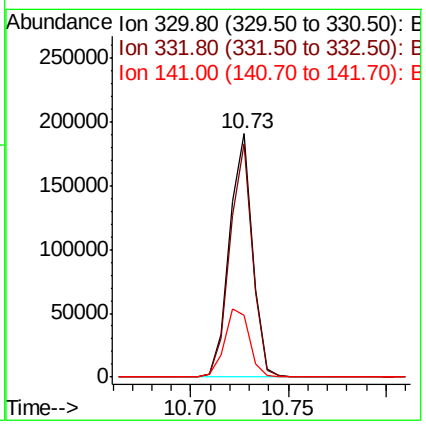
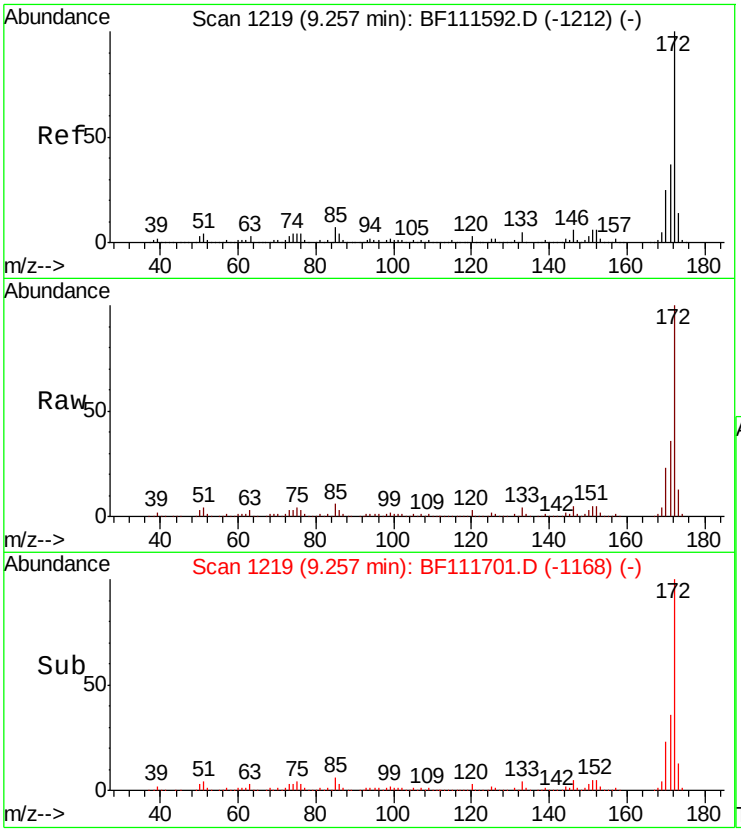


#42
2,4,6-Tribromophenol
Concen: 57.007 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion:330 Resp: 156473

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.0	114.0
141	30.2	31.0	46.6#

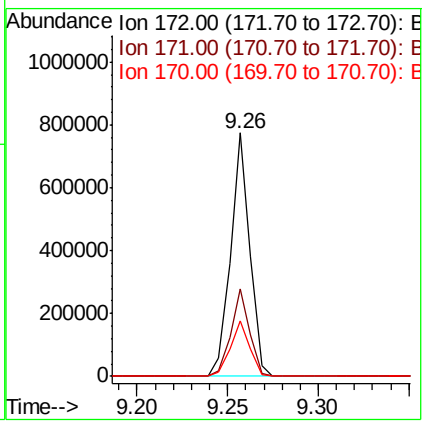




#45
2-Fluorobiphenyl
Concen: 35.692 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion:172 Resp: 568845

Ion	Ratio	Lower	Upper
172	100		
171	36.0	33.0	49.4
170	22.9	22.3	33.5



Instrument :
BNA_F
ClientSampleId :
HD-01-122018

Manual Integrations APPROVED
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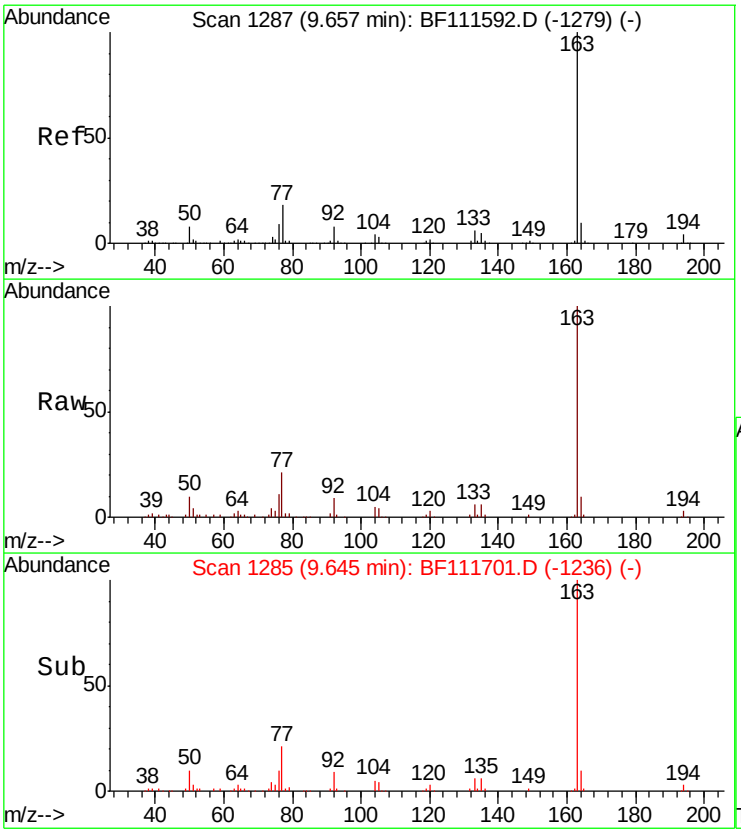
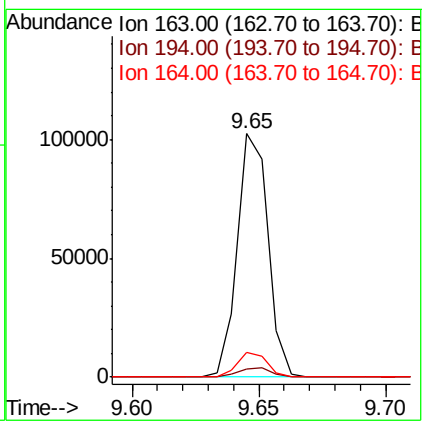
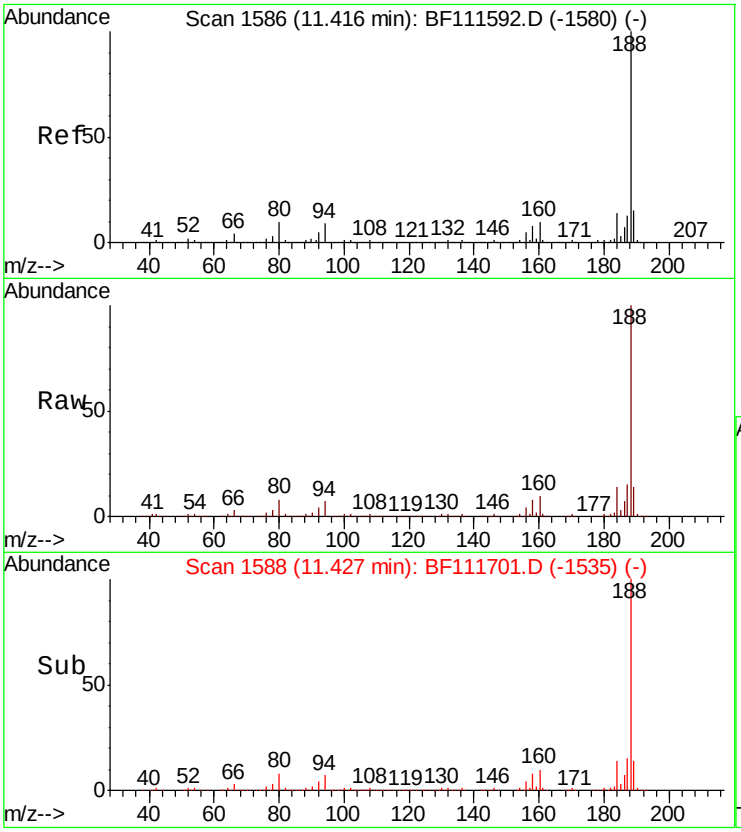


#50
Dimethylphthalate
Concen: 5.063 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion:163 Resp: 86004

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.6
164	10.4	8.9	13.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion:188 Resp: 442105

Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.6	14.4#
80	7.7	9.8	14.6#

Instrument :
BNA_F
ClientSampleId :
HD-01-122018

Manual Integrations APPROVED
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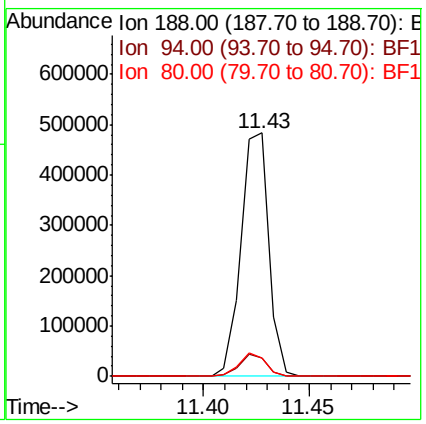
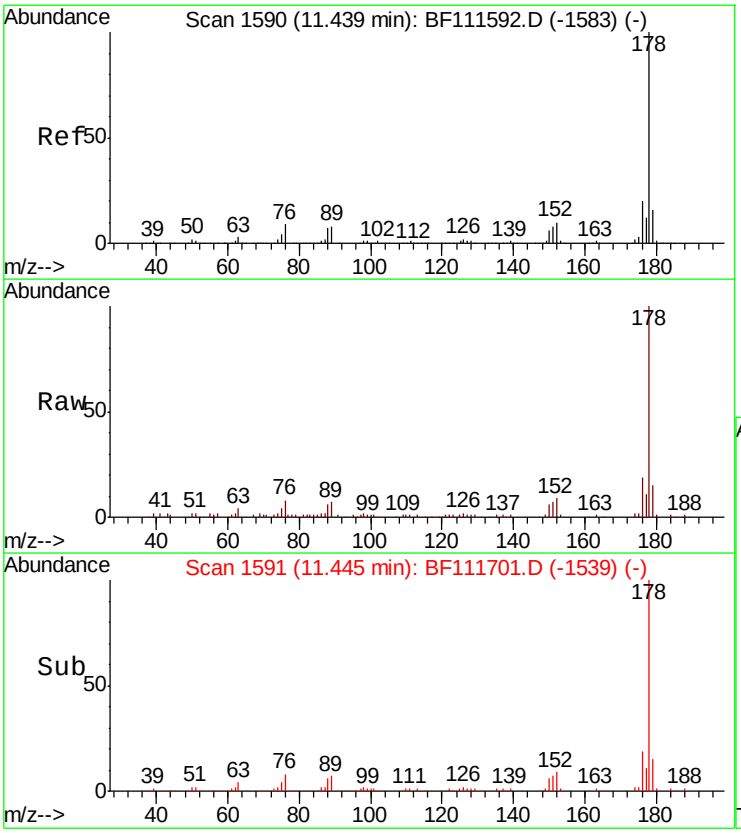
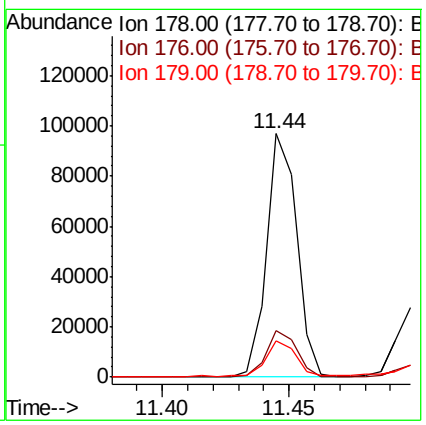


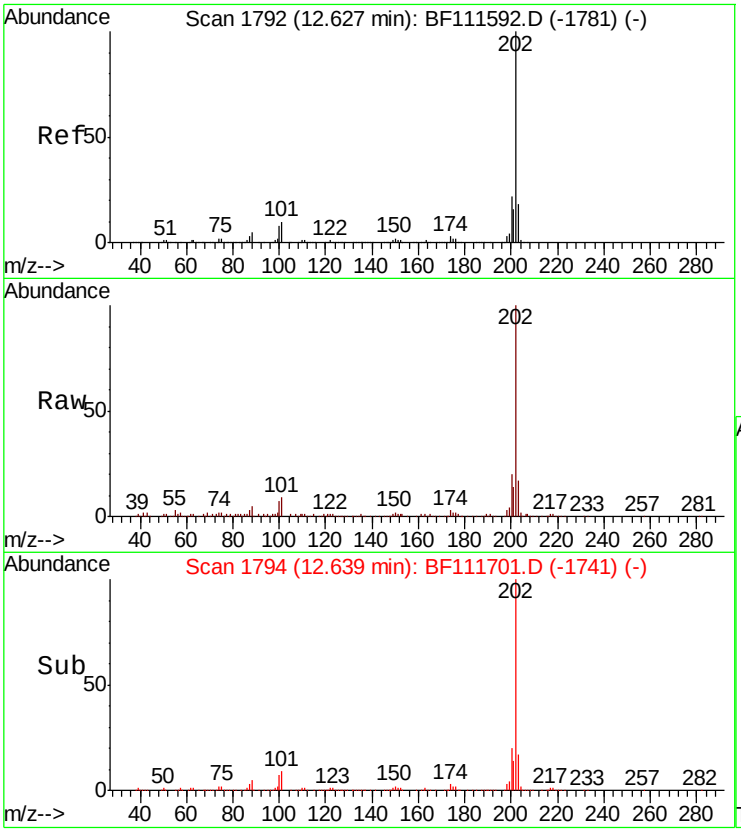


#71
Phenanthrene
Concen: 3.424 ng
RT: 11.44 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion:178 Resp: 80270

Ion	Ratio	Lower	Upper
178	100		
176	19.1	18.1	27.1
179	14.8	14.0	21.0

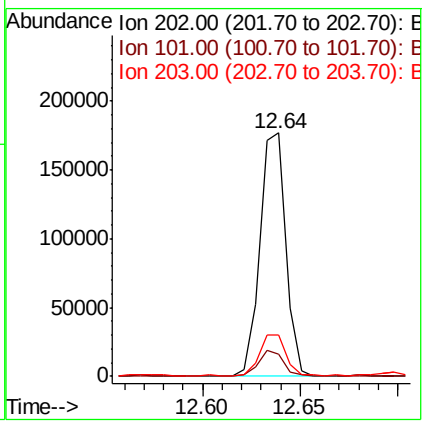




#75
Fluoranthene
Concen: 6.882 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion:202 Resp: 163395

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	33.8
203	17.1	0.0	38.6



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Manual Integrations APPROVED
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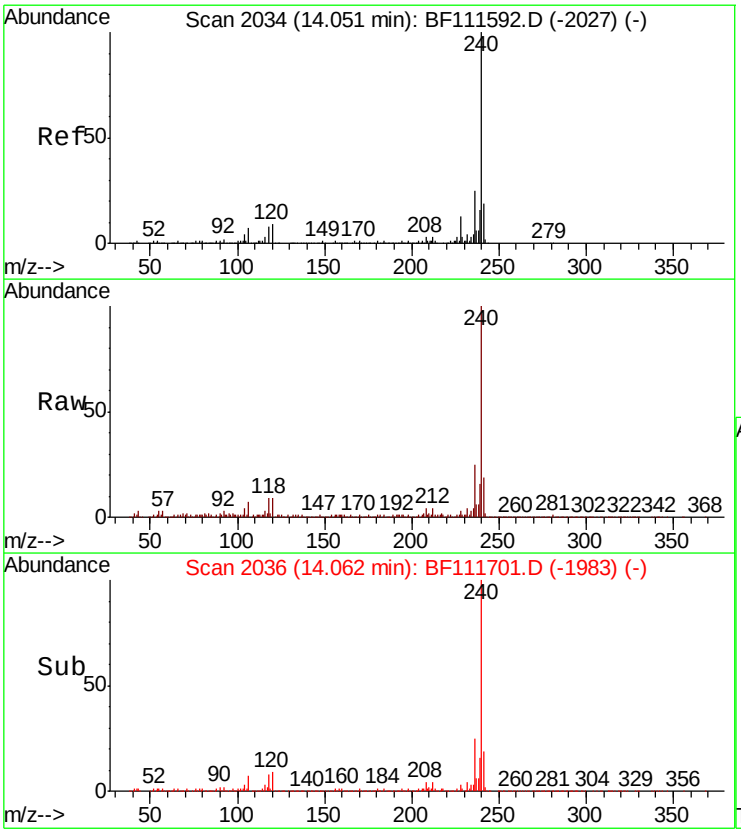
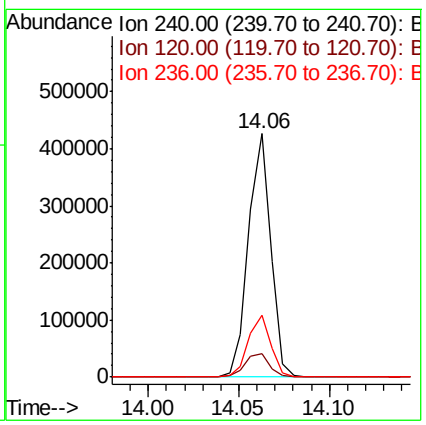
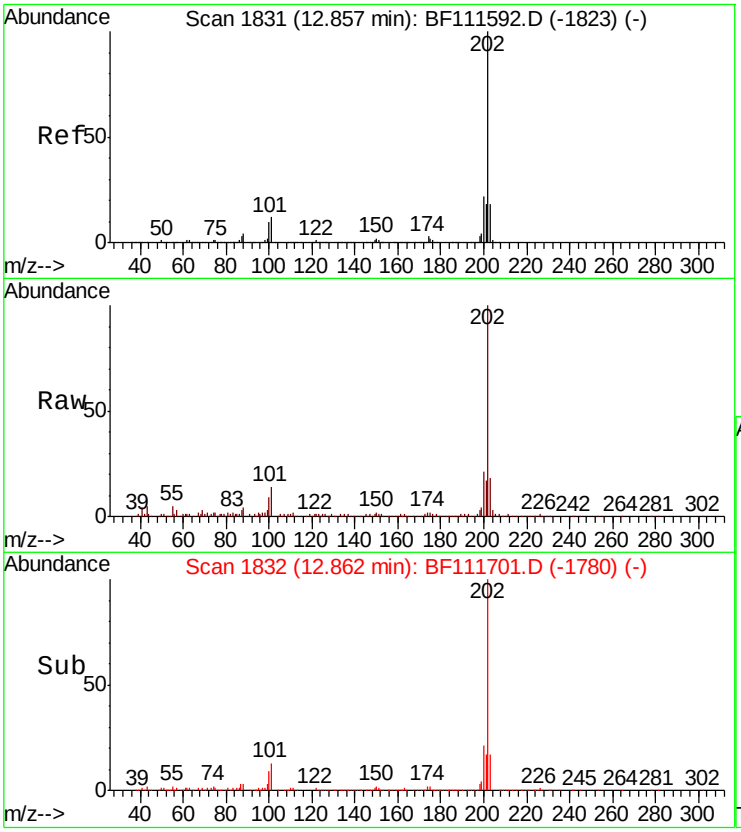


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion:240 Resp: 363242

Ion	Ratio	Lower	Upper
240	100		
120	9.5	12.2	18.2#
236	25.5	20.2	30.2

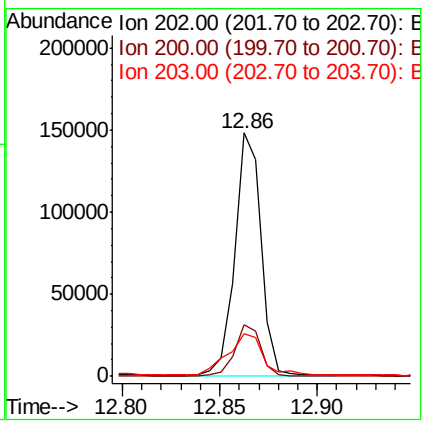




#78
Pyrene
Concen: 5.366 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion:202 Resp: 137633

Ion	Ratio	Lower	Upper
202	100		
200	21.3	19.0	28.4
203	17.8	15.2	22.8



Instrument :
BNA_F
ClientSampleId :
HD-01-122018

Manual Integrations APPROVED
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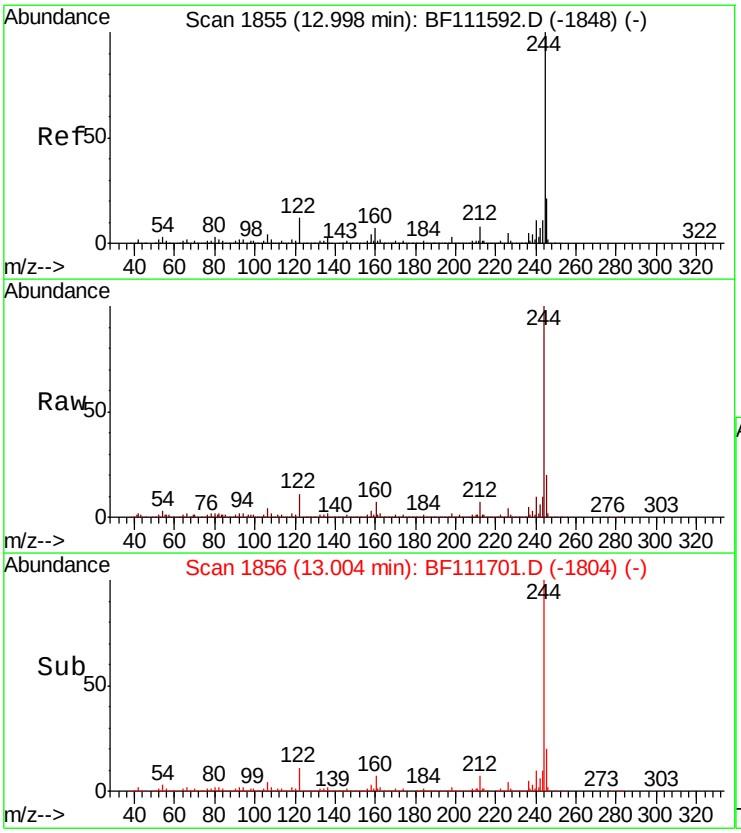
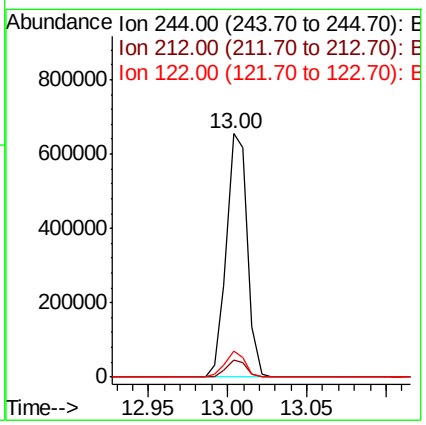
12/26/2018 5:03:12 PM

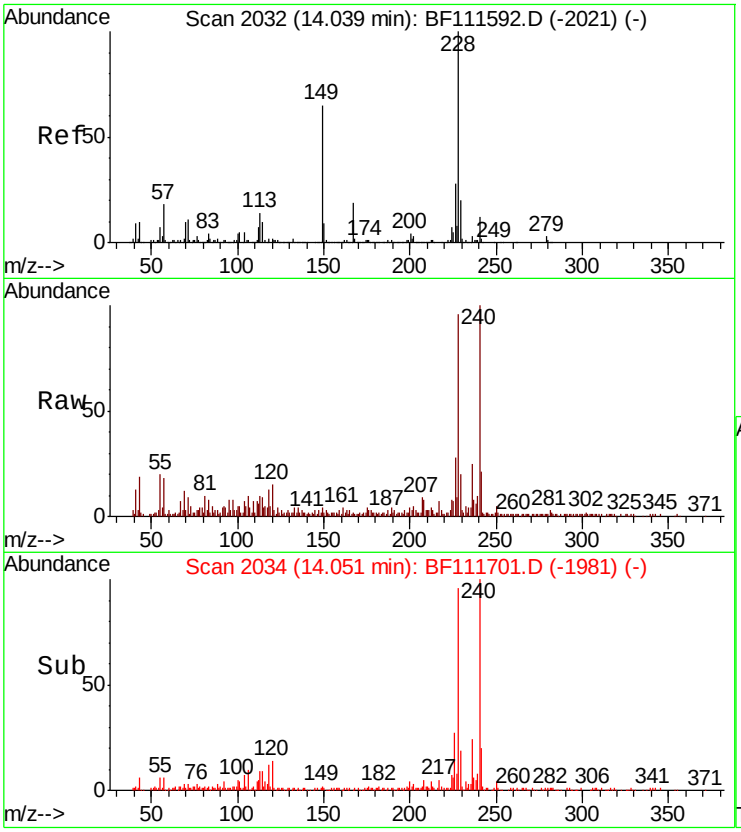


#79
Terphenyl-d14
Concen: 31.260 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion:244 Resp: 598760

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.6	13.1	19.7#

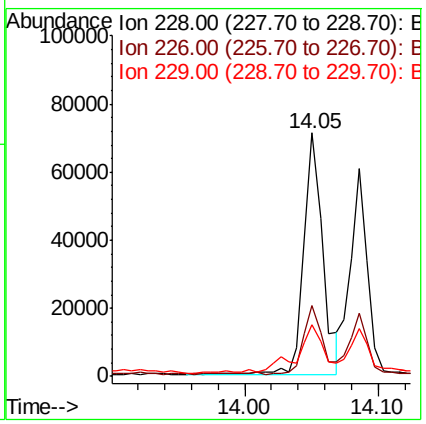




#81
Benzo(a)anthracene
Concen: 3.297 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion:228 Resp: 68354

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	34.0
229	21.1	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
HD-01-122018

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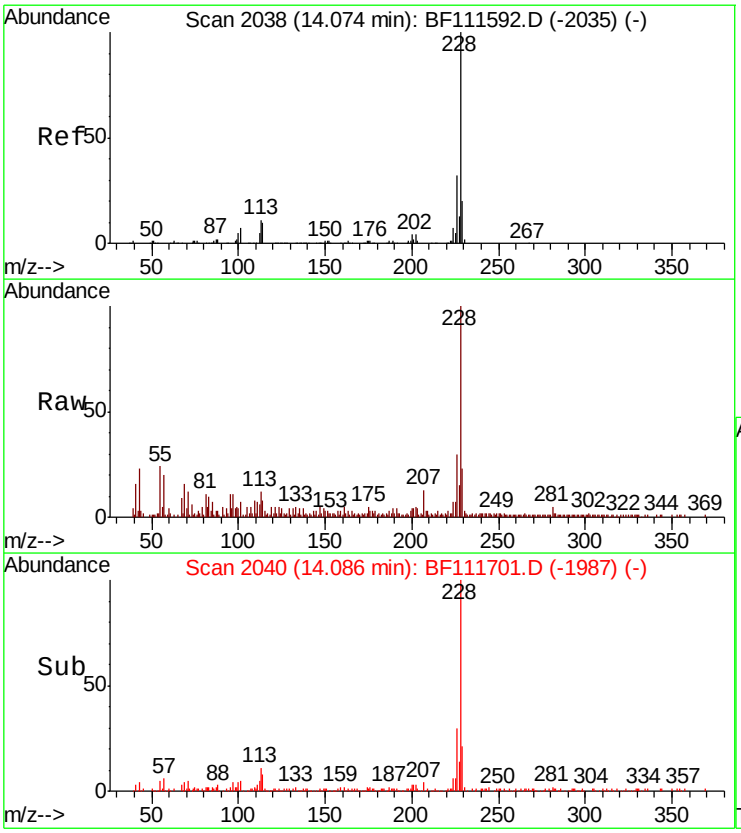
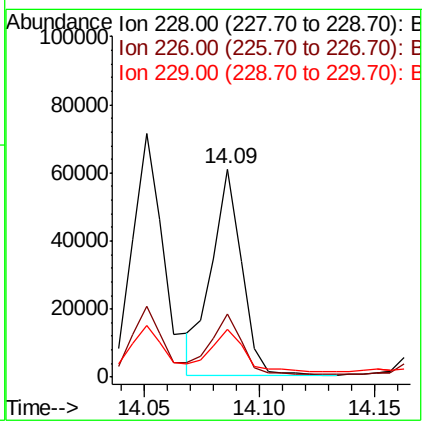
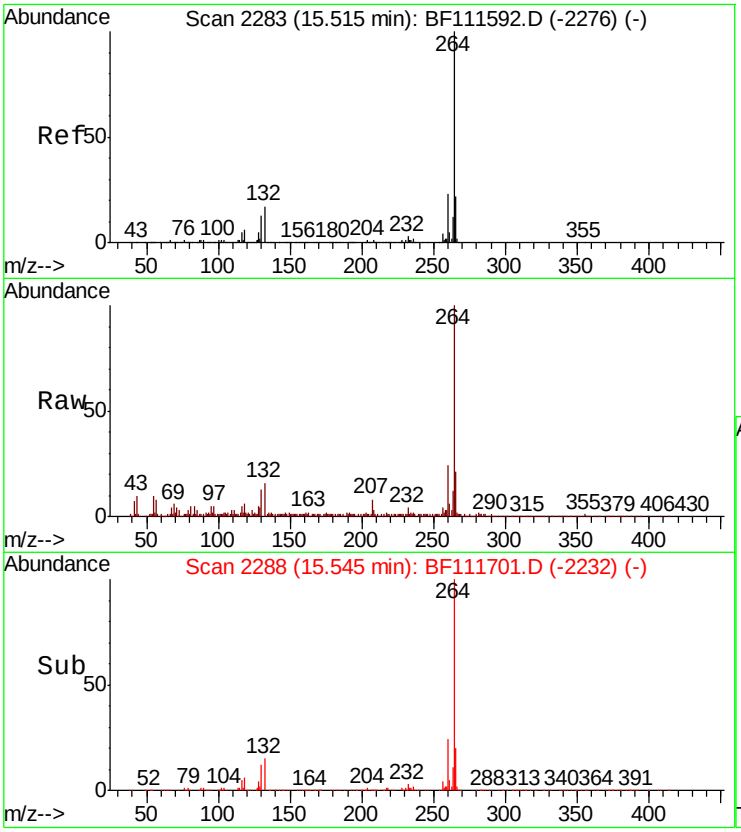


#83
Chrysene
Concen: 2.681 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion:228 Resp: 54625

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.3	37.9
229	22.6	17.2	25.8

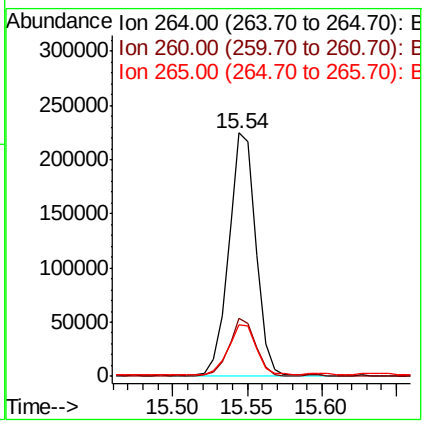




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.03 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion:264 Resp: 285133

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.2	17.7	26.5



Instrument :
BNA_F
ClientSampleId :
HD-01-122018

Manual Integrations APPROVED
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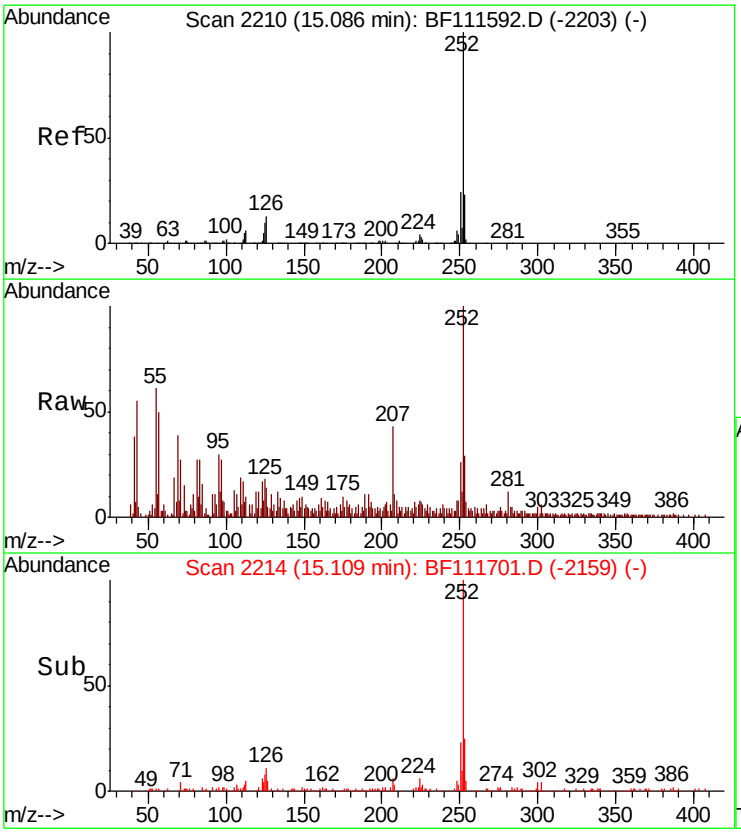
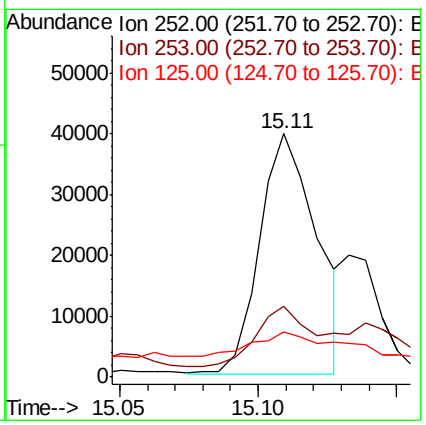
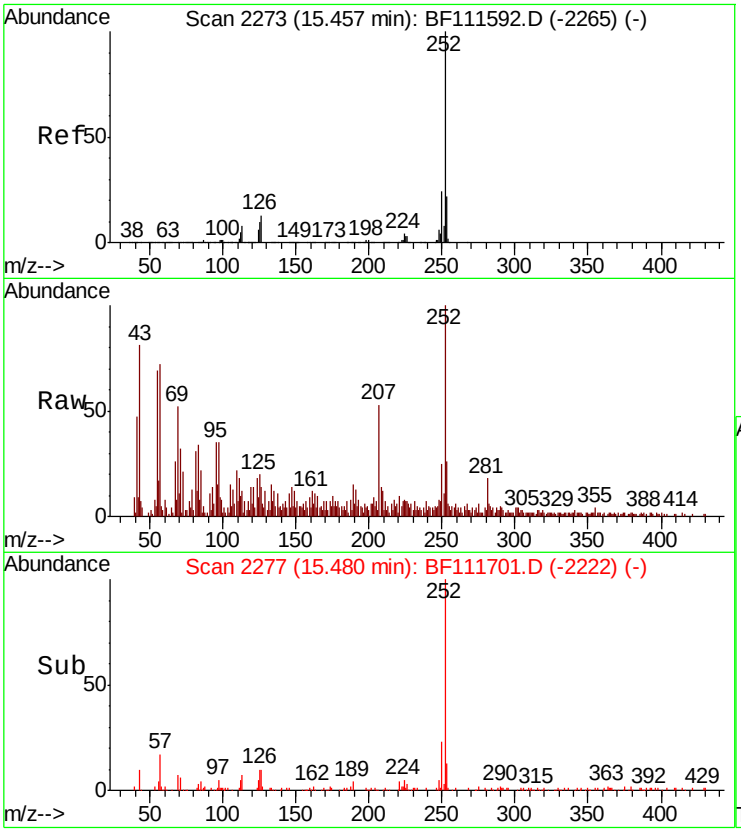


#88
Benzo(b)fluoranthene
Concen: 3.418 ng m
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion:252 Resp: 56957

Ion	Ratio	Lower	Upper
252	100		
253	29.0	18.2	27.2#
125	18.4	10.4	15.6#

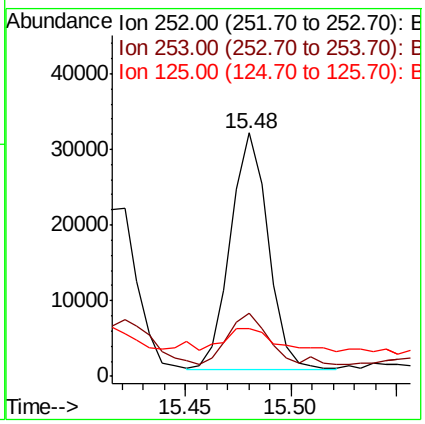




#90
Benzo(a)pyrene
Concen: 2.545 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.02 min
Lab File: BF111701.D
Acq: 21 Dec 2018 21:36

Tgt Ion:252 Resp: 38524

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.8	26.8
125	19.6	12.3	18.5#



Instrument :
BNA_F
ClientSampleId :
HD-01-122018

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