Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
Data File : BF088631.D
Acq On : 2 Jul 2016 22:01
Operator : UM/SJ
Sample : H3837-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C1.2-7

Manual Integrations
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7/5/2016 7:36:01 PM

Quant Time: Jul 03 04:44:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	121150	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	485128	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	199349	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	303849	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	240933	20.00	ng	-0.02
86) Perylene-d12	15.34	264	213122	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	721825	89.29	ng	-0.02
7) Phenol-d6	6.43	99	1050670	100.59	ng	-0.01
23) Nitrobenzene-d5	7.36	82	616827	66.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	173573	93.76	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	952417	75.47	ng	-0.02
78) Terphenyl-d14	12.89	244	602267	55.68	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	80649	5.68	ng	98
74) Fluoranthene	12.51	202	138579	8.23	ng	98
77) Pyrene	12.74	202	127392	6.24	ng	98
80) Benzo(a)anthracene	13.92	228	79203m	5.11	ng	
82) Chrysene	13.95	228	77624m	5.06	ng	
85) Indeno(1,2,3-cd)pyrene	16.67	276	47474	4.02	ng	# 100
87) Benzo(b)fluoranthene	14.94	252	139342m	10.42	ng	
88) Benzo(k)fluoranthene	14.95	252	63012m	5.41	ng	
89) Benzo(a)pyrene	15.28	252	52450	4.63	ng	100
91) Benzo(g,h,i)perylene	17.07	276	43424	4.44	ng	98

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

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Instrument :
BNA_F
ClientSampleId :
C1.2-7

Manual Integrations
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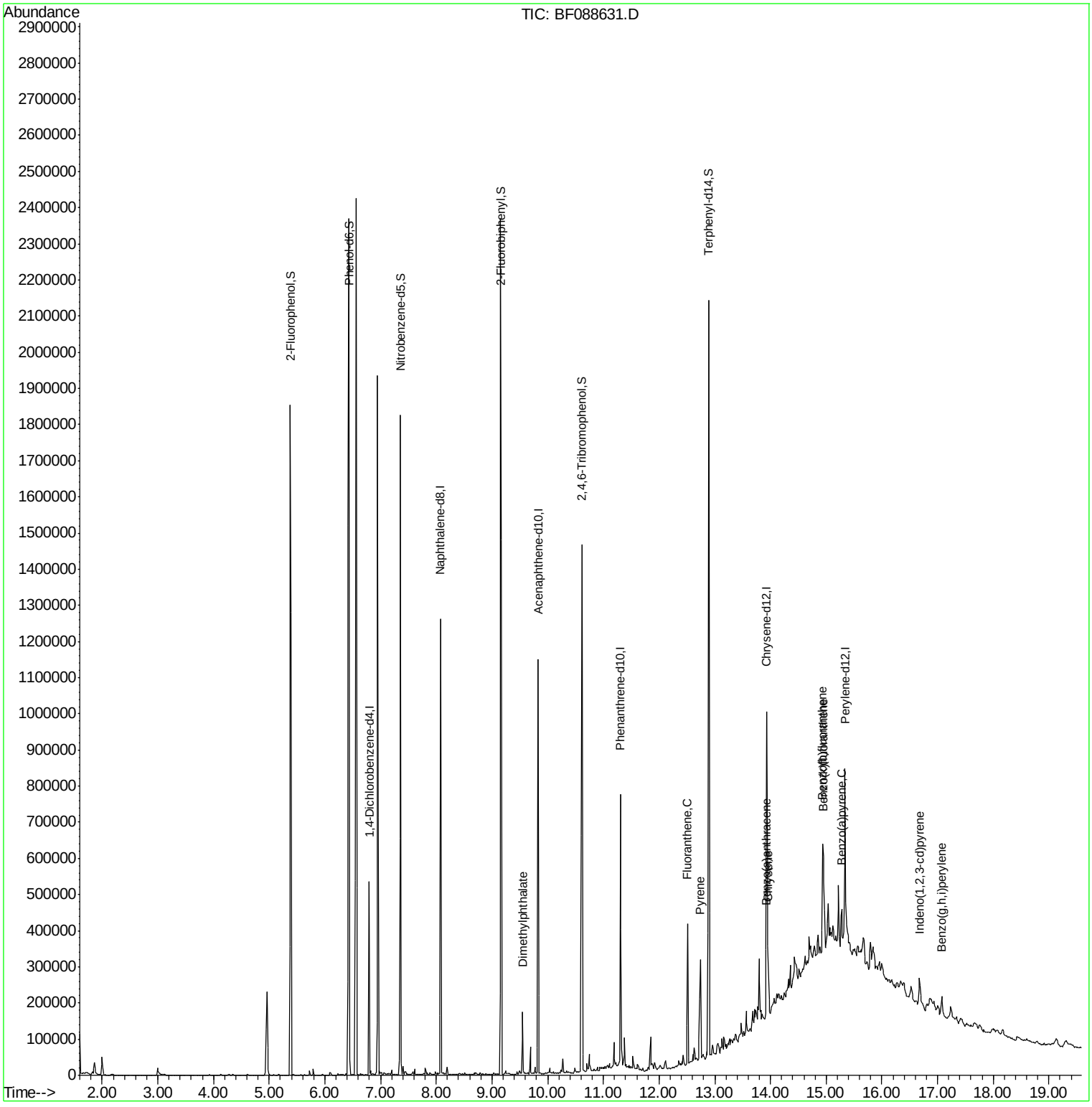
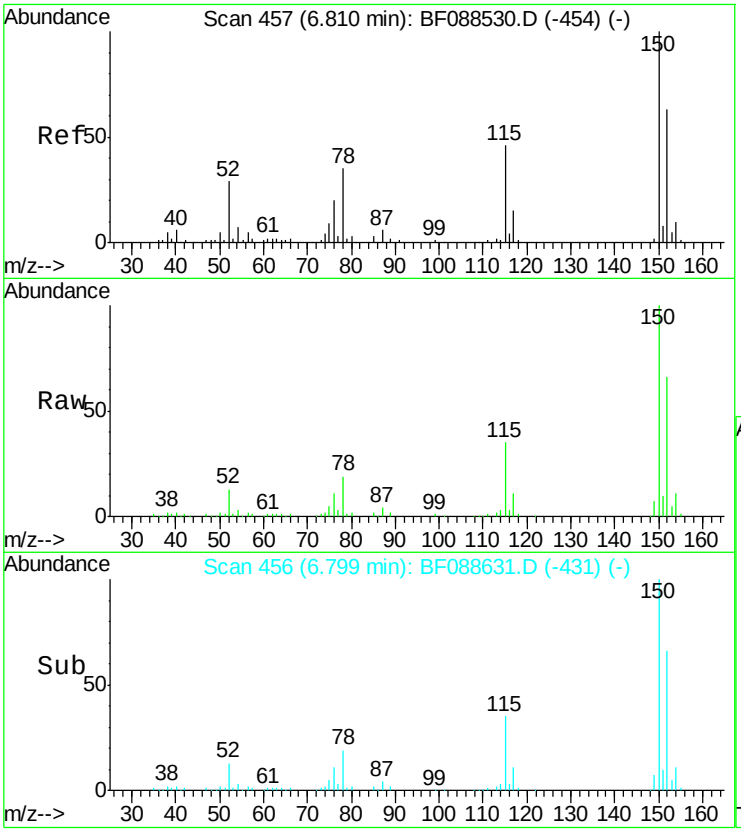
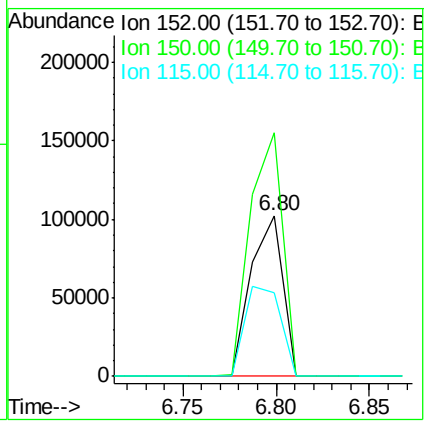




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion:152 Resp: 121150

Ion	Ratio	Lower	Upper
152	100		
150	151.3	123.8	185.6
115	52.2	39.6	59.4



Instrument :
BNA_F
ClientSampleId :
C1.2-7

Manual Integrations
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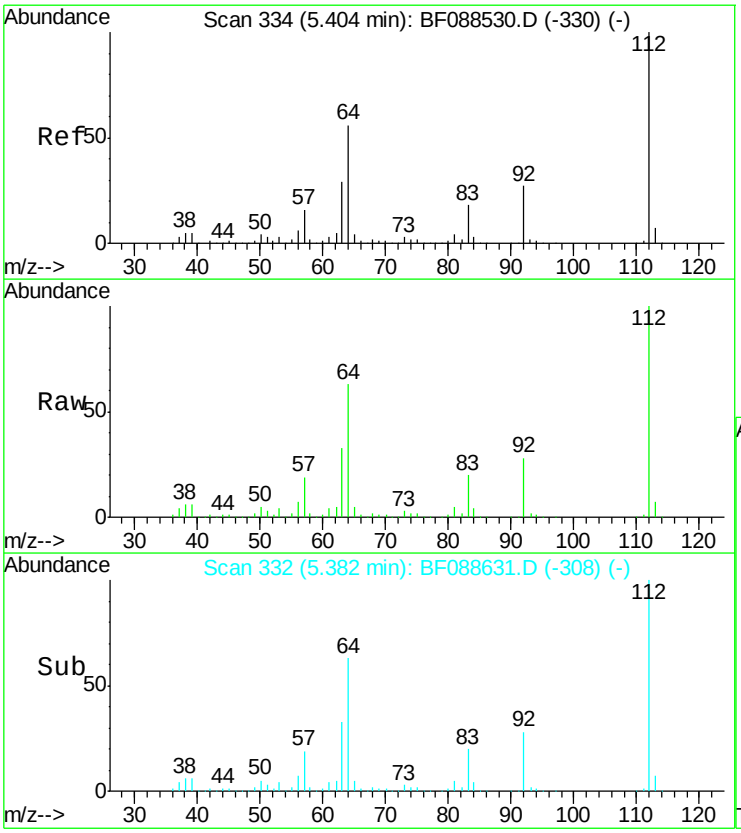
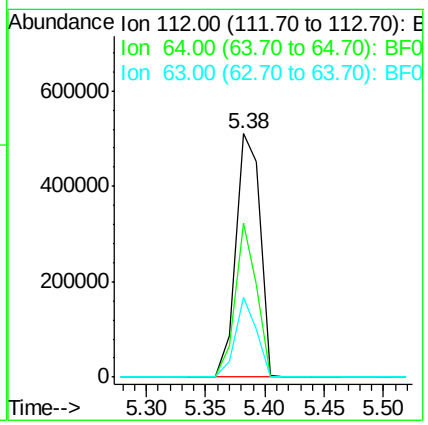
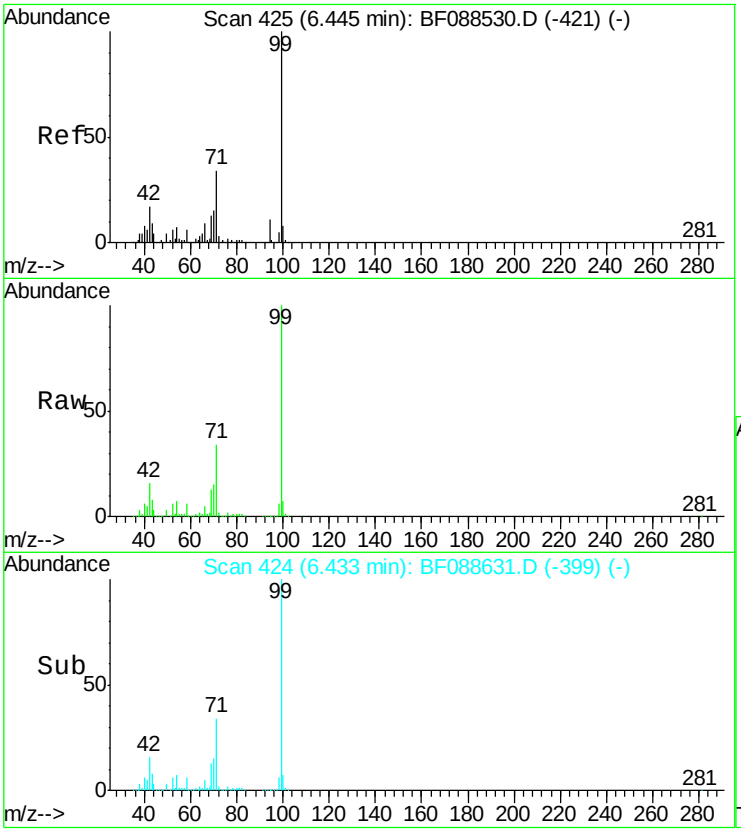


#5
2-Fluorophenol
Concen: 89.29 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion:112 Resp: 721825

Ion	Ratio	Lower	Upper
112	100		
64	63.2	42.2	63.2
63	32.8	21.8	32.8#

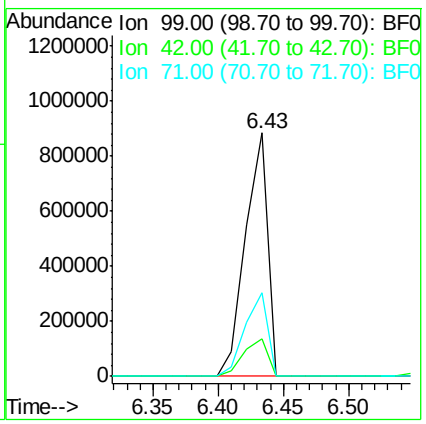




#7
Phenol-d6
Concen: 100.59 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion: 99 Resp: 1050670

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.2	18.2
71	34.1	23.4	35.0



Instrument :
BNA_F
ClientSampleId :
C1.2-7

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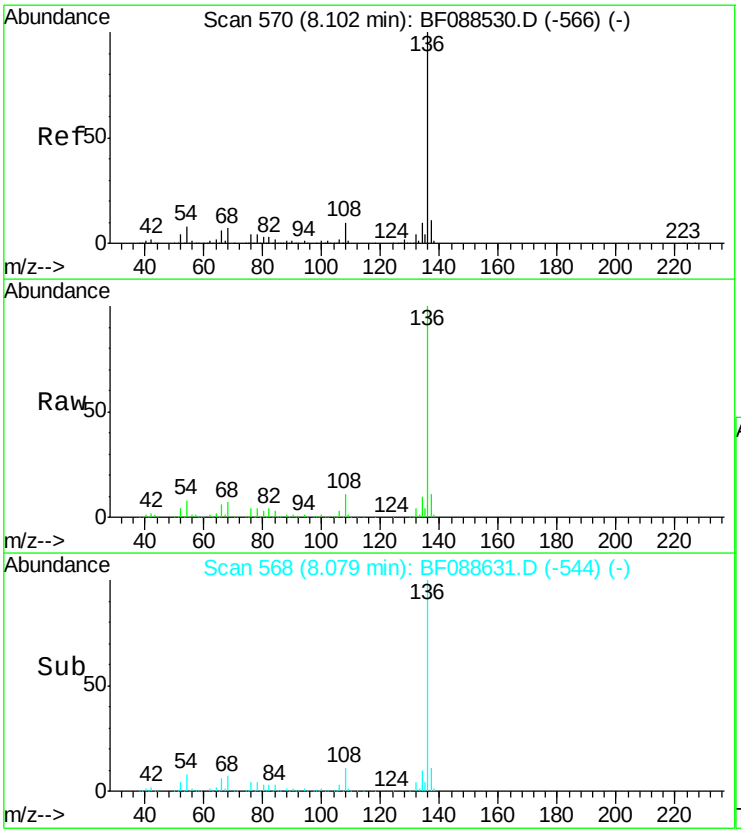
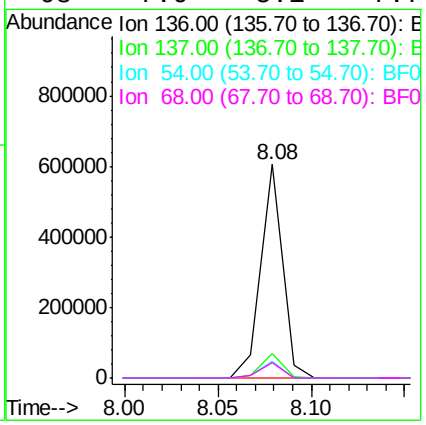
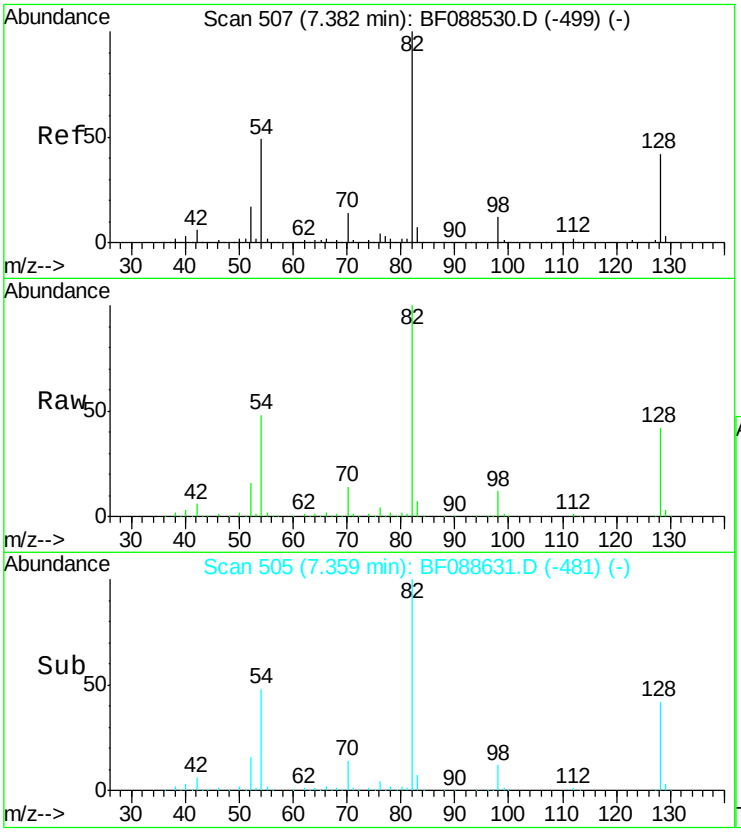


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion:136 Resp: 485128

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.0	6.6	10.0
68	7.0	5.1	7.7

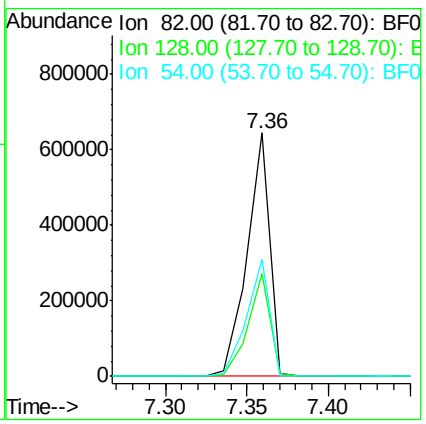




#23
Nitrobenzene-d5
Concen: 66.63 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion: 82 Resp: 616827

Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.9	53.9
54	47.8	40.9	61.3



Instrument :
BNA_F
ClientSampleId :
C1.2-7

Manual Integrations
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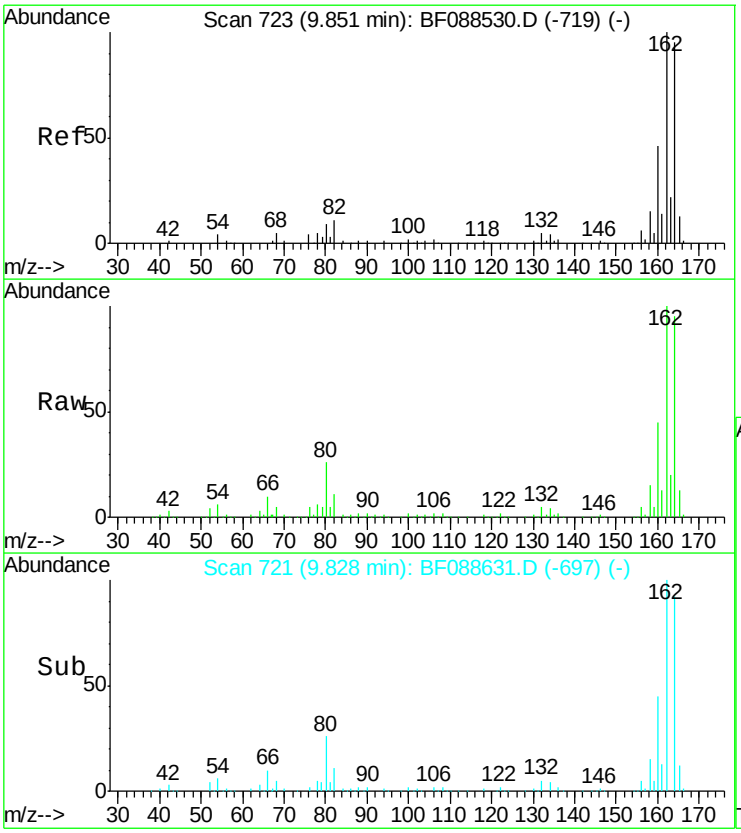
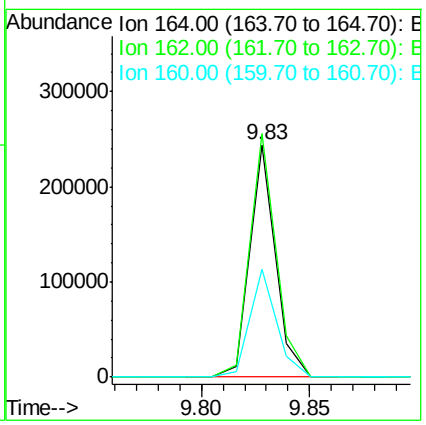
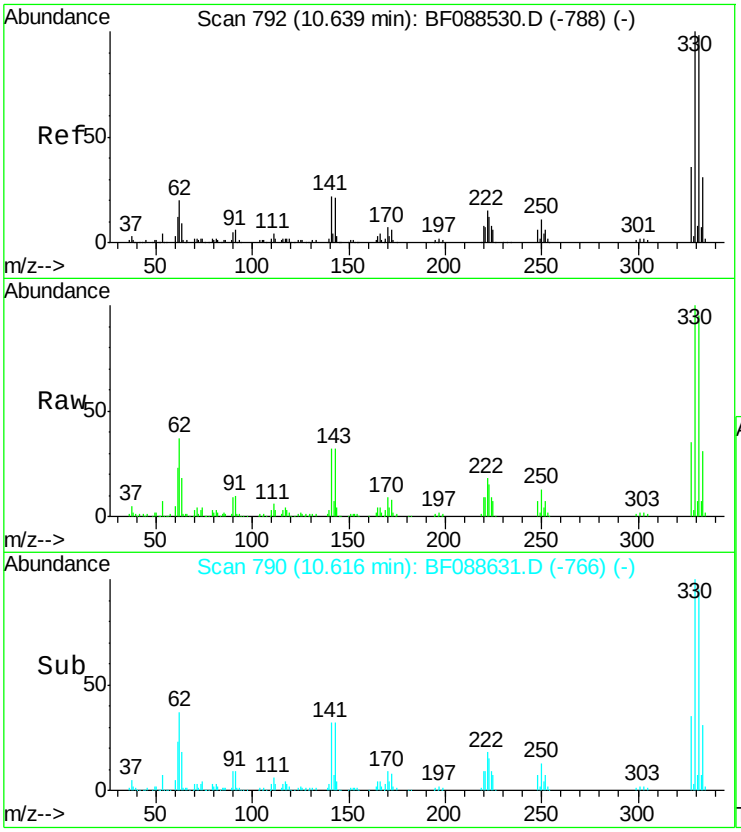


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion:164 Resp: 199349

Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.4	128.2
160	46.8	39.5	59.3

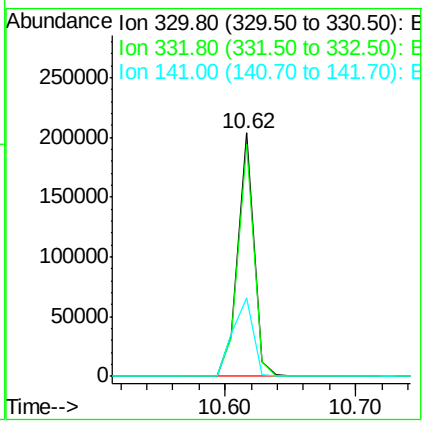




#41
2,4,6-Tribromophenol
Concen: 93.76 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion:330 Resp: 173573

Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	41.1	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
C1.2-7

Manual Integrations
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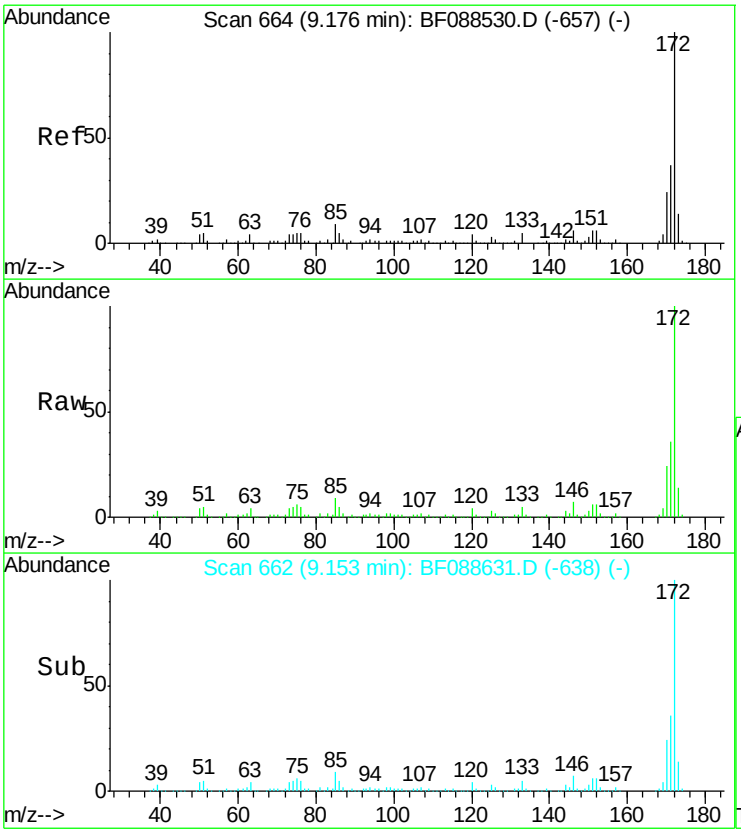
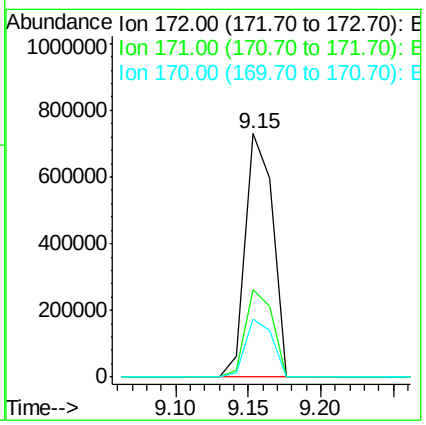
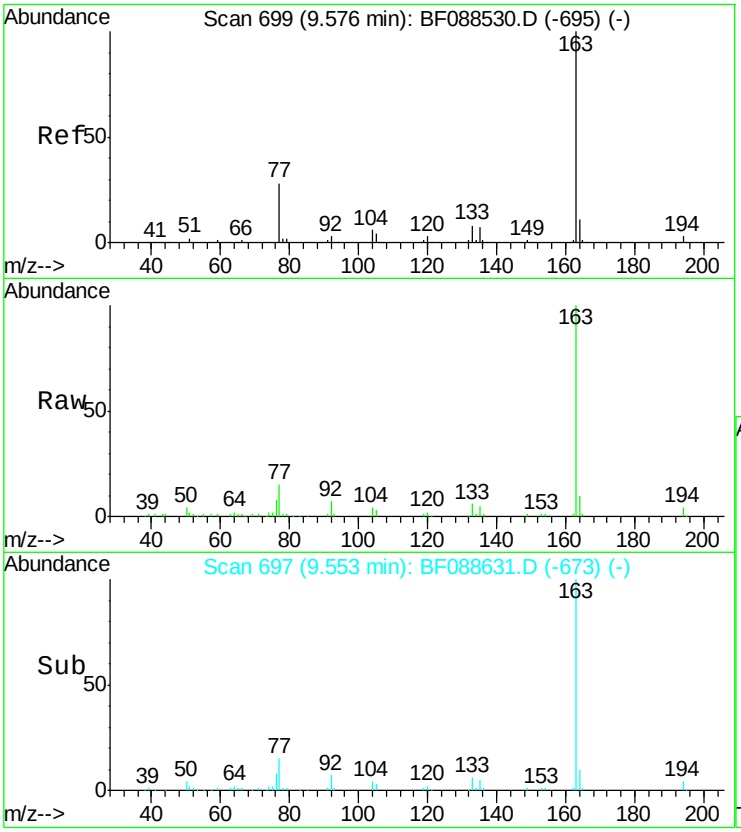


#44
2-Fluorobiphenyl
Concen: 75.47 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion:172 Resp: 952417

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.9	19.2	28.8

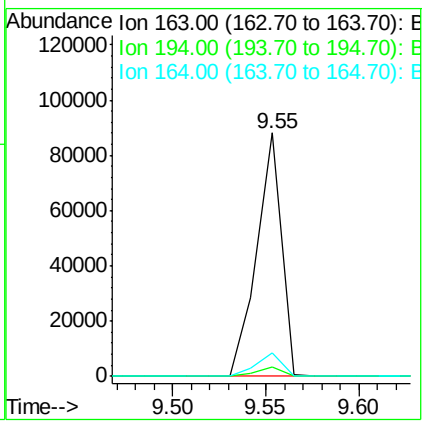




#49
Dimethylphthalate
Concen: 5.68 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion:163 Resp: 80649

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	9.6	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
C1.2-7

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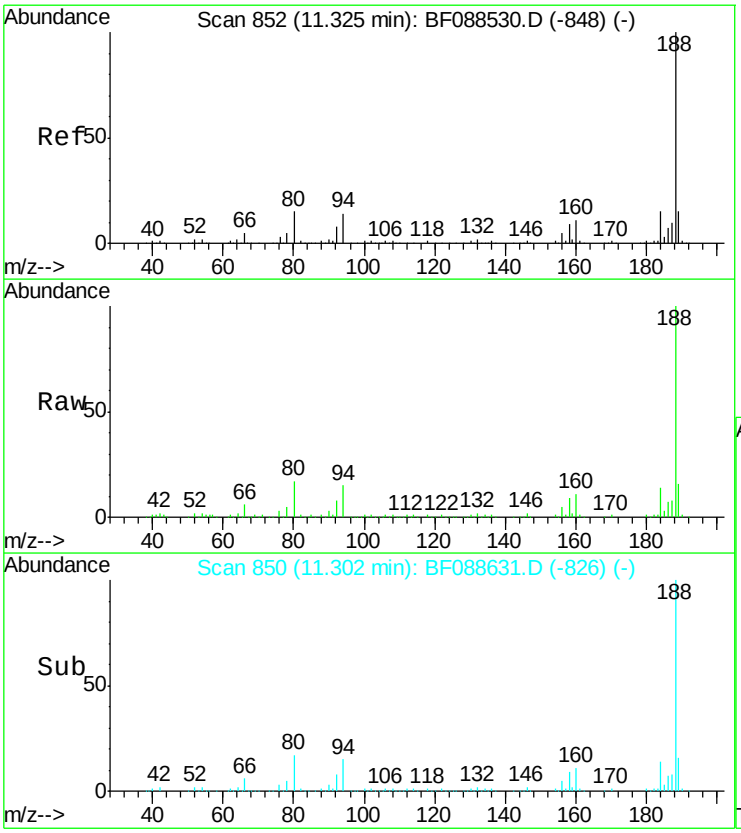
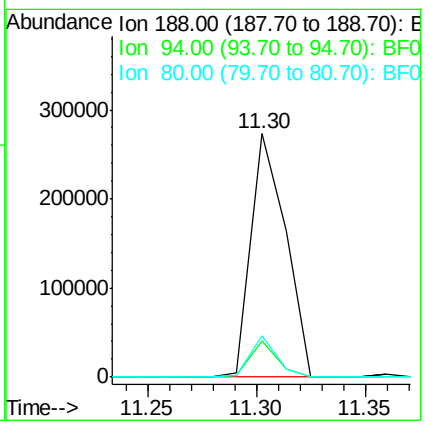
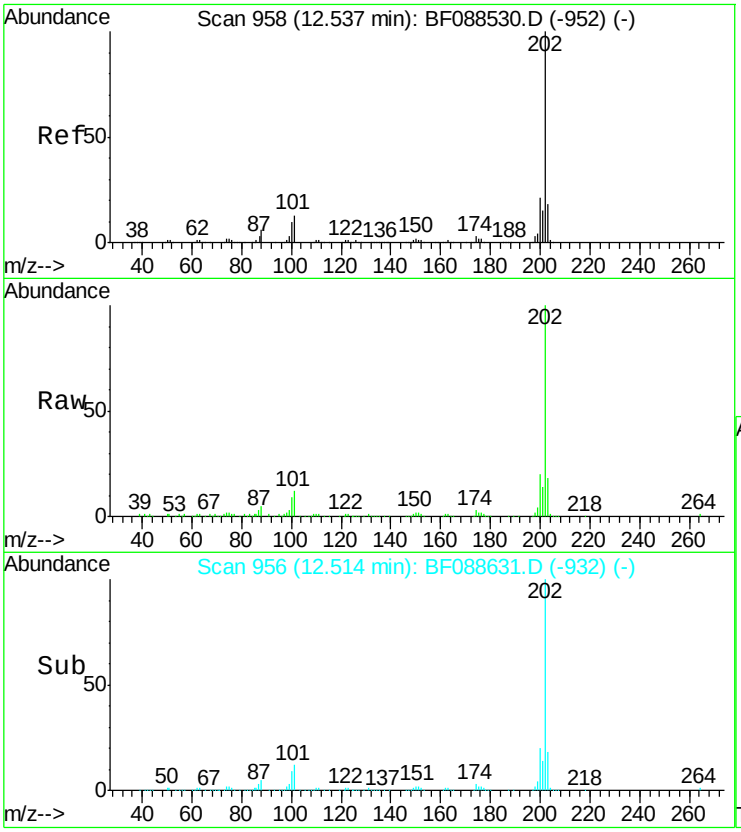


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion:188 Resp: 303849

Ion	Ratio	Lower	Upper
188	100		
94	14.8	9.0	13.6#
80	17.1	10.0	15.0#

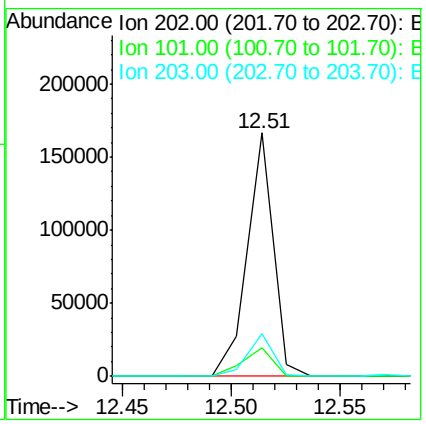




#74
Fluoranthene
Concen: 8.23 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion:202 Resp: 138579

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.1
203	17.6	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
C1.2-7

Manual Integrations
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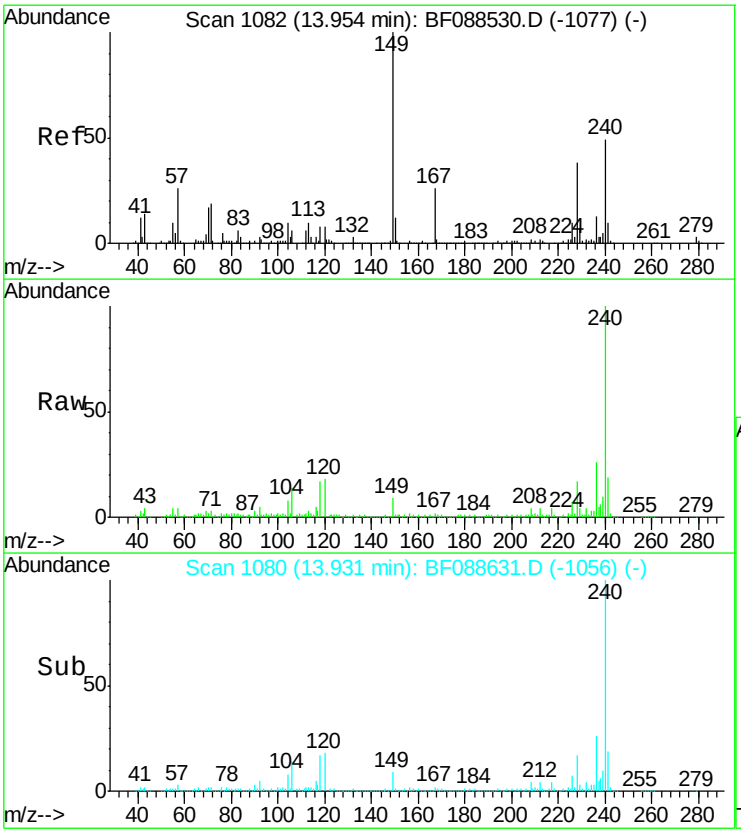
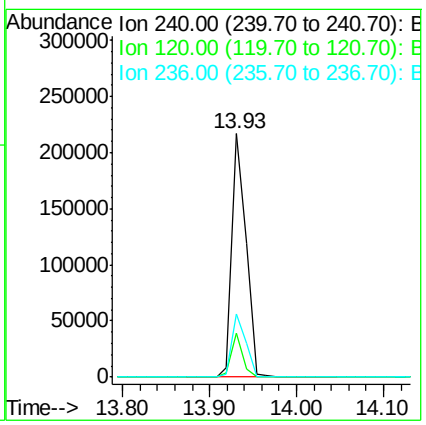
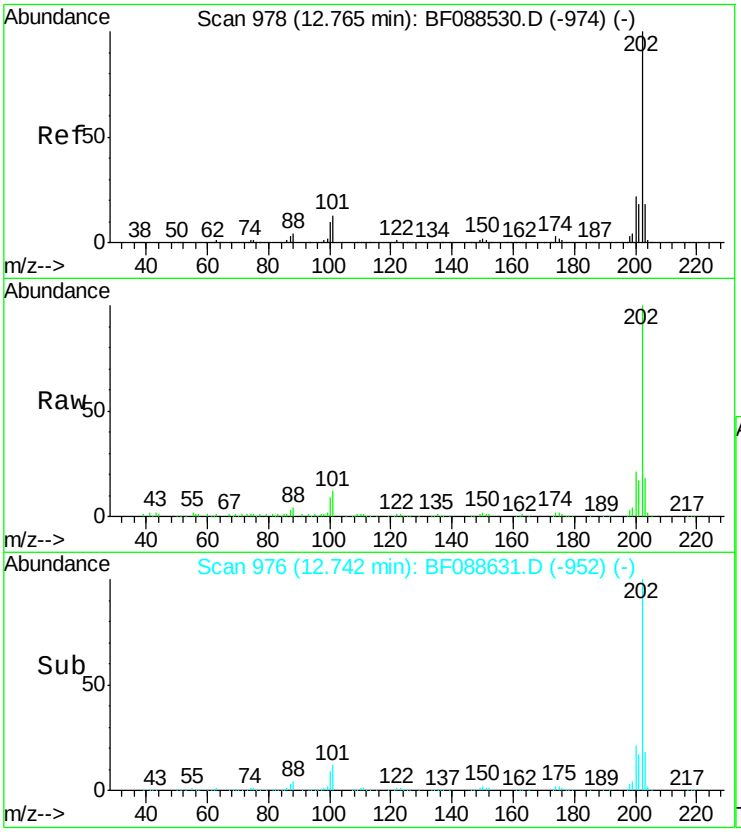


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion:240 Resp: 240933

Ion	Ratio	Lower	Upper
240	100		
120	17.8	6.8	10.2#
236	25.9	20.2	30.2

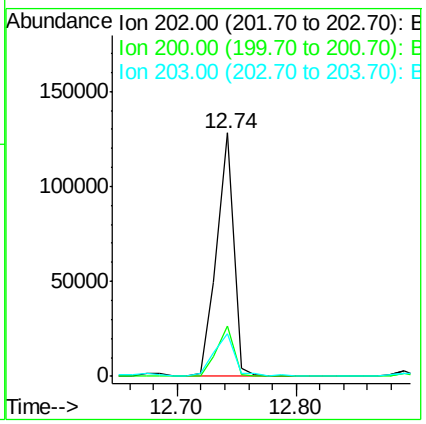




#77
Pyrene
Concen: 6.24 ng
RT: 12.74 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion:202 Resp: 127392

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.7	14.5	21.7



Instrument :
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ClientSampleId :
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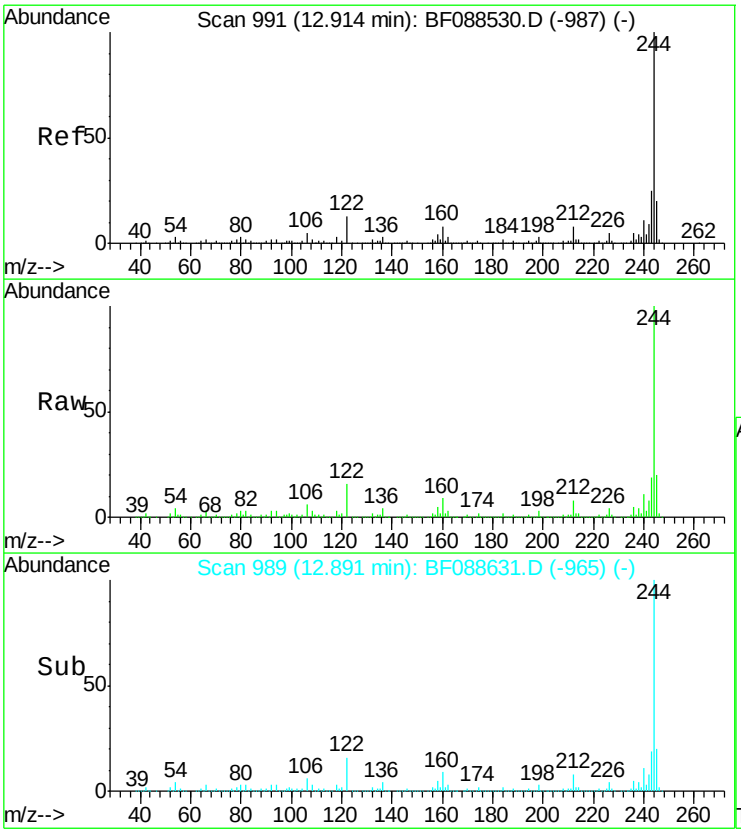
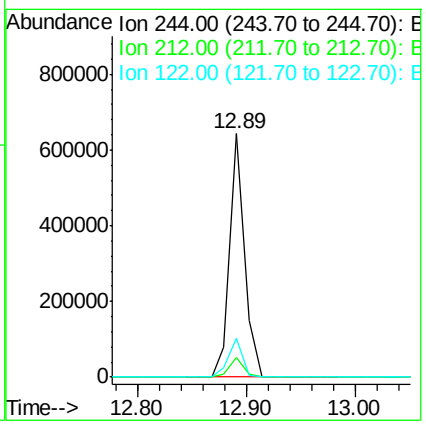
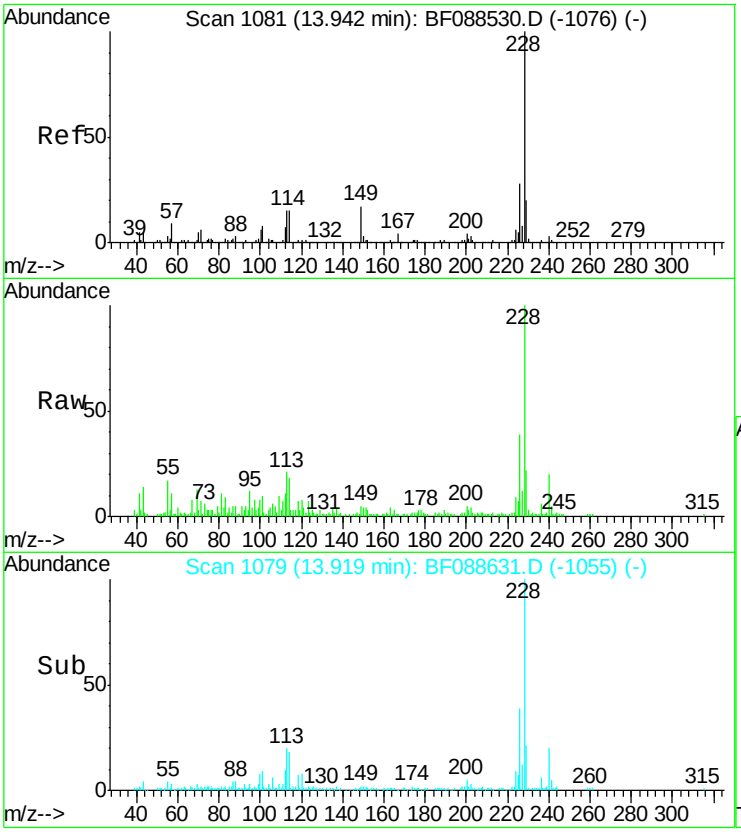


#78
Terphenyl-d14
Concen: 55.68 ng
RT: 12.89 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion:244 Resp: 602267

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	15.7	11.2	16.8

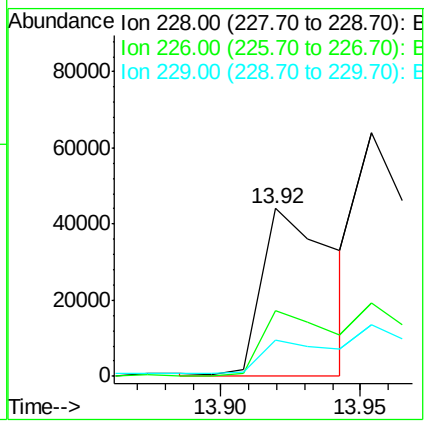




#80
Benzo(a)anthracene
Concen: 5.11 ng m
RT: 13.92 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion:228 Resp: 79203

Ion	Ratio	Lower	Upper
228	100		
226	39.3	22.3	33.5#
229	21.9	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
C1.2-7

Manual Integrations
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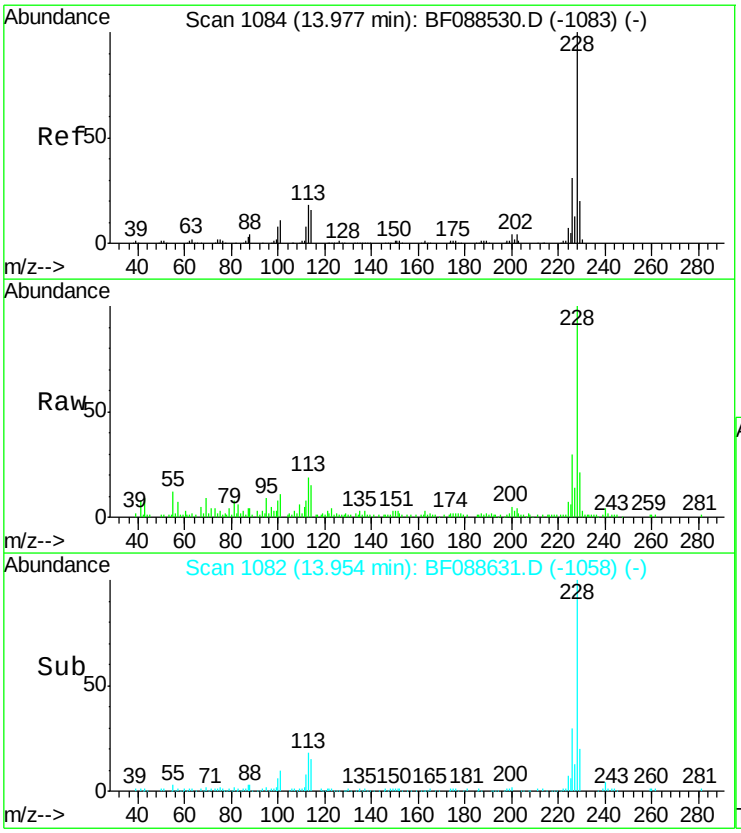
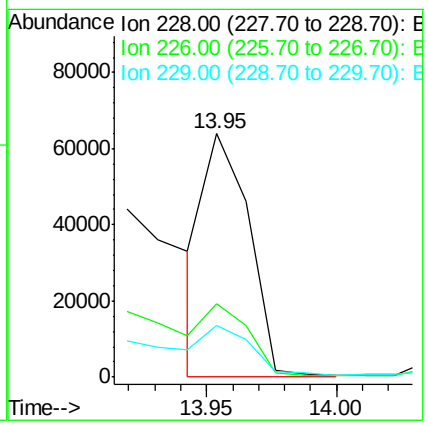
7/5/2016 7:36:01 PM

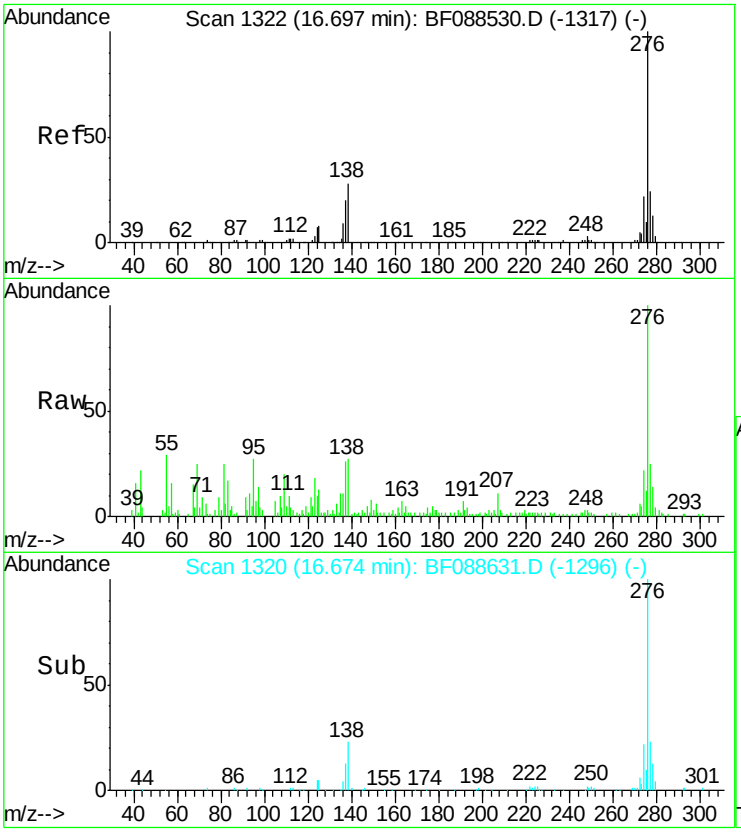


#82
Chrysene
Concen: 5.06 ng m
RT: 13.95 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion:228 Resp: 77624

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.2
229	21.3	16.3	24.5





#85
Indeno(1,2,3-cd)pyrene
Concen: 4.02 ng
RT: 16.67 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion:276 Resp: 47474

Ion	Ratio	Lower	Upper
276	100		
138	25.9	0.0	0.0#
277	25.3	0.0	0.0#

Instrument :
BNA_F
ClientSampleId :
C1.2-7

Manual Integrations
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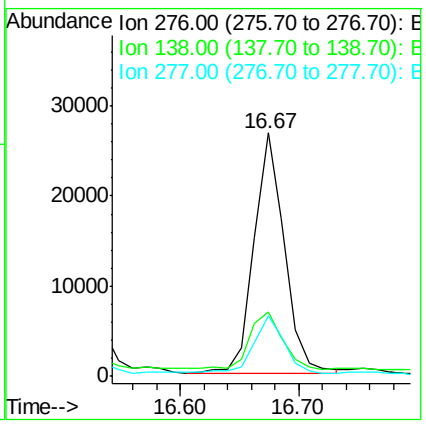
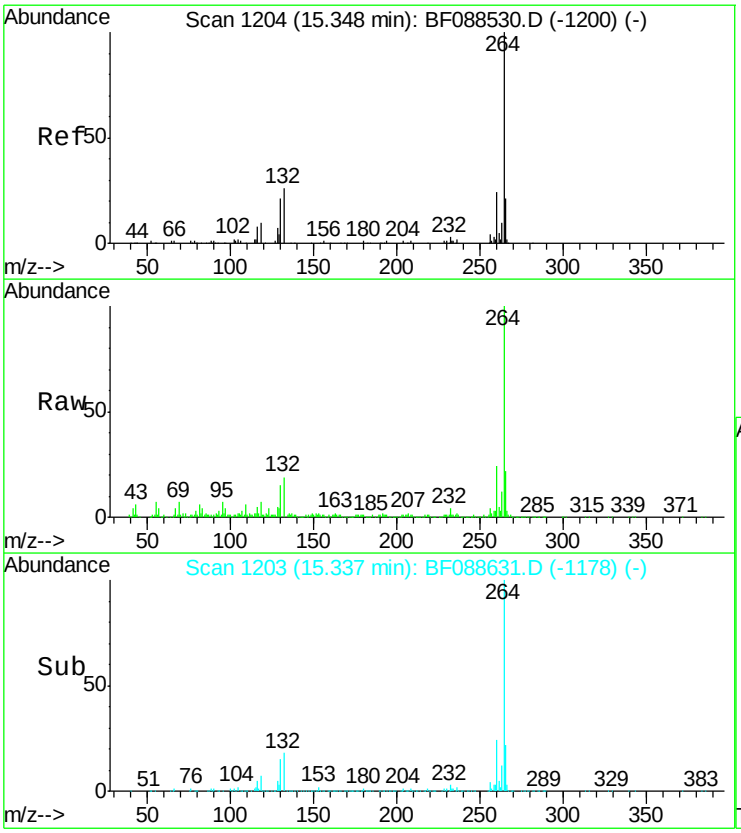
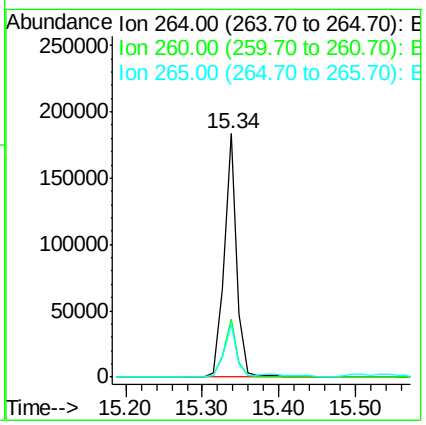


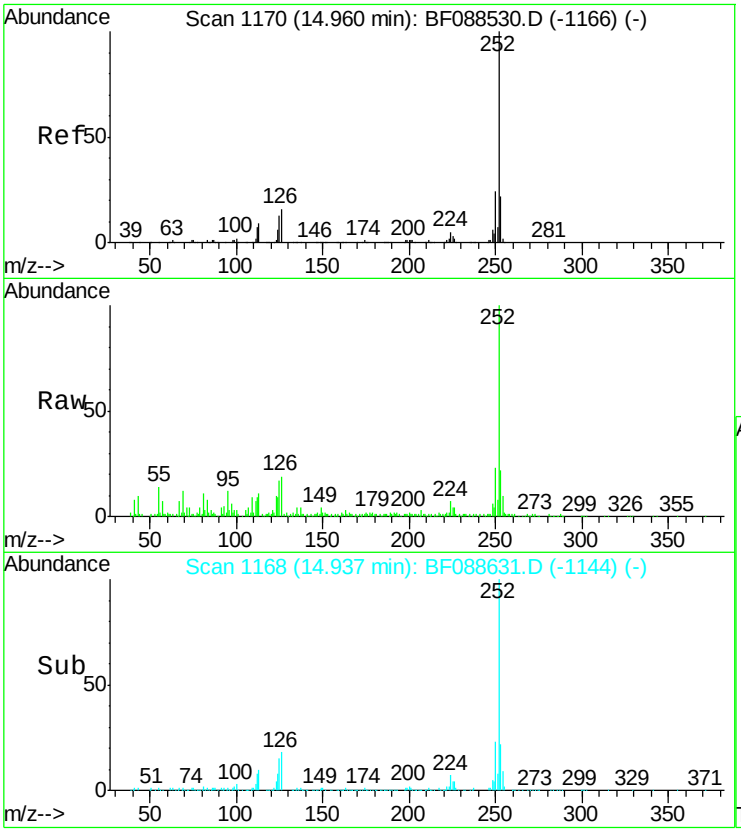


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion:264 Resp: 213122

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	16.9	25.3

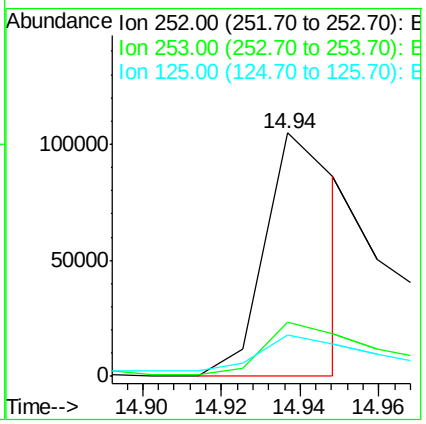




#87
Benzo(b)fluoranthene
Concen: 10.42 ng m
RT: 14.94 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion:252 Resp: 139342

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	16.9	7.1	10.7#



Instrument :
BNA_F
ClientSampleId :
C1.2-7

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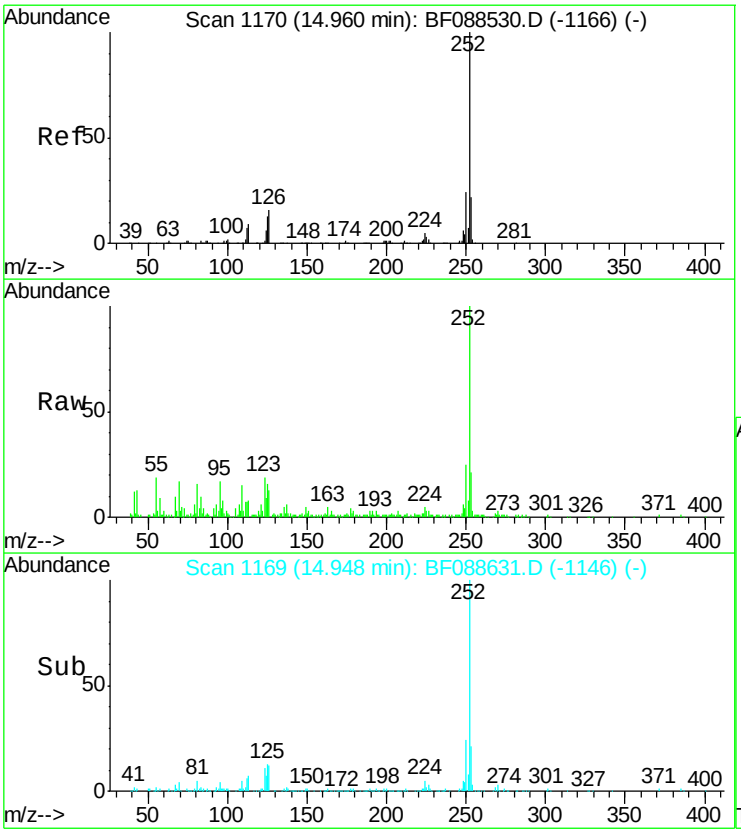
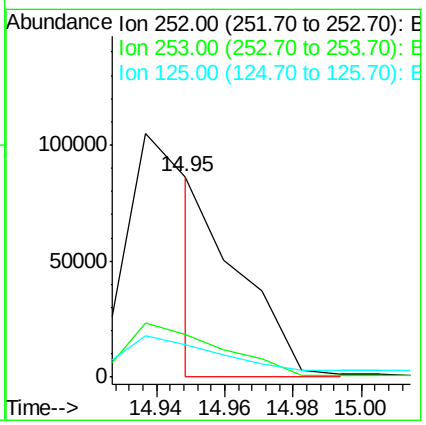
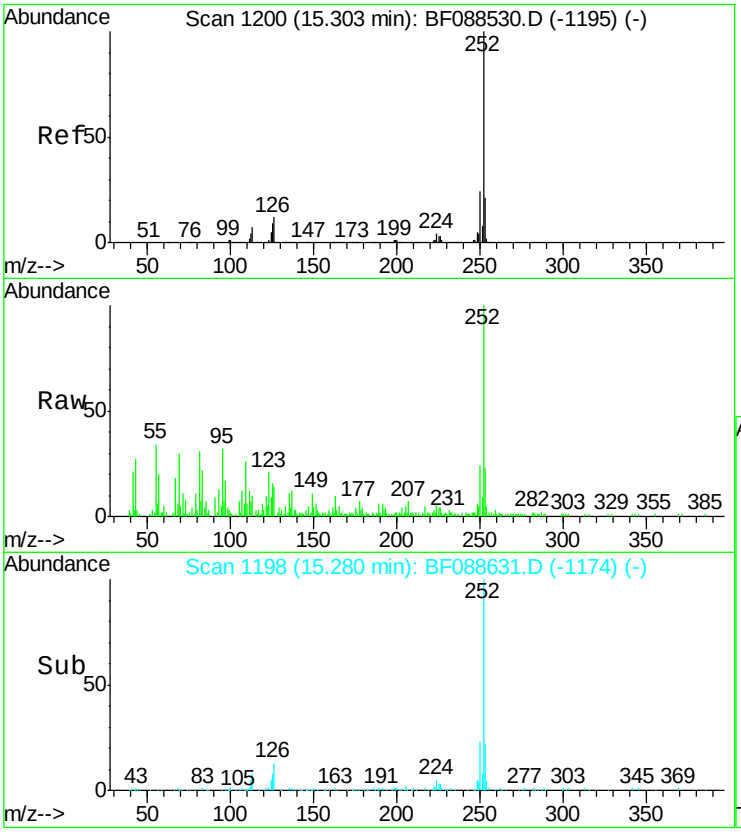


#88
Benzo(k)fluoranthene
Concen: 5.41 ng m
RT: 14.95 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion:252 Resp: 63012

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	16.0	11.2	16.8

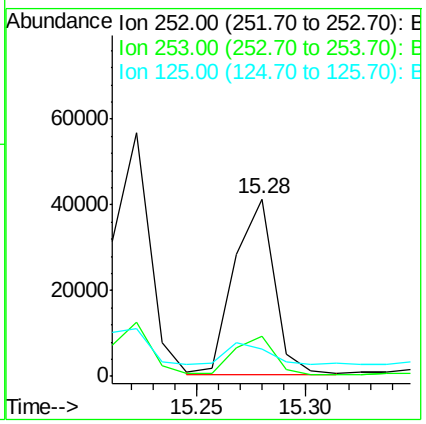




#89
Benzo(a)pyrene
Concen: 4.63 ng
RT: 15.28 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion:252 Resp: 52450

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	15.6	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
C1.2-7

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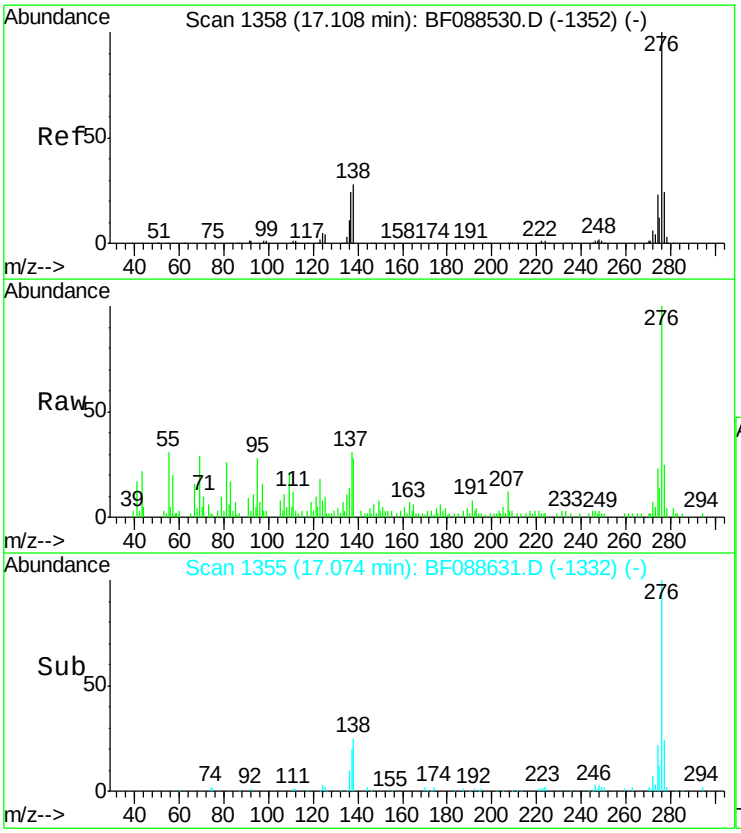

#91
Benzo(g,h,i)perylene
Concen: 4.44 ng
RT: 17.07 min Scan# 1355
Delta R.T. -0.03 min
Lab File: BF088631.D
Acq: 2 Jul 2016 22:01

Tgt Ion:276 Resp: 43424

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.9	28.3
138	27.8	21.4	32.2