Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
Data File : BF088626.D
Acq On : 2 Jul 2016 19:35
Operator : UM/SJ
Sample : H3847-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B2(0-11)C

Manual Integrations
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Quant Time: Jul 03 04:23:28 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	6.79	152	112649	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	469415	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	189186	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	281275	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	220412	20.00	ng	-0.02
86) Perylene-d12	15.34	264	212078	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	652898	86.86	ng	-0.02
7) Phenol-d6	6.43	99	940545	96.84	ng	-0.01
23) Nitrobenzene-d5	7.36	82	611589	68.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	155617	88.58	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	787862	65.78	ng	-0.02
78) Terphenyl-d14	12.89	244	491626	49.68	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	309855	22.99	ng	99
70) Phenanthrene	11.32	178	46676	3.04	ng	97
74) Fluoranthene	12.51	202	102304	6.56	ng	96
77) Pyrene	12.74	202	91584	4.90	ng	98
80) Benzo(a)anthracene	13.92	228	74979	5.28	ng	95
82) Chrysene	13.95	228	44148m	3.14	ng	
85) Indeno(1,2,3-cd)pyrene	16.66	276	25420	2.35	ng	# 100
87) Benzo(b)fluoranthene	14.94	252	86235m	6.48	ng	
88) Benzo(k)fluoranthene	14.95	252	34074m	2.94	ng	
89) Benzo(a)pyrene	15.27	252	49870	4.43	ng	96
91) Benzo(g,h,i)perylene	17.07	276	32099	3.30	ng	96

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
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Acq On : 2 Jul 2016 19:35
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Misc :
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Quant Time: Jul 03 04:23:28 2016
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Instrument :
BNA_F
ClientSampleId :
S4-B2(0-11)C

Manual Integrations
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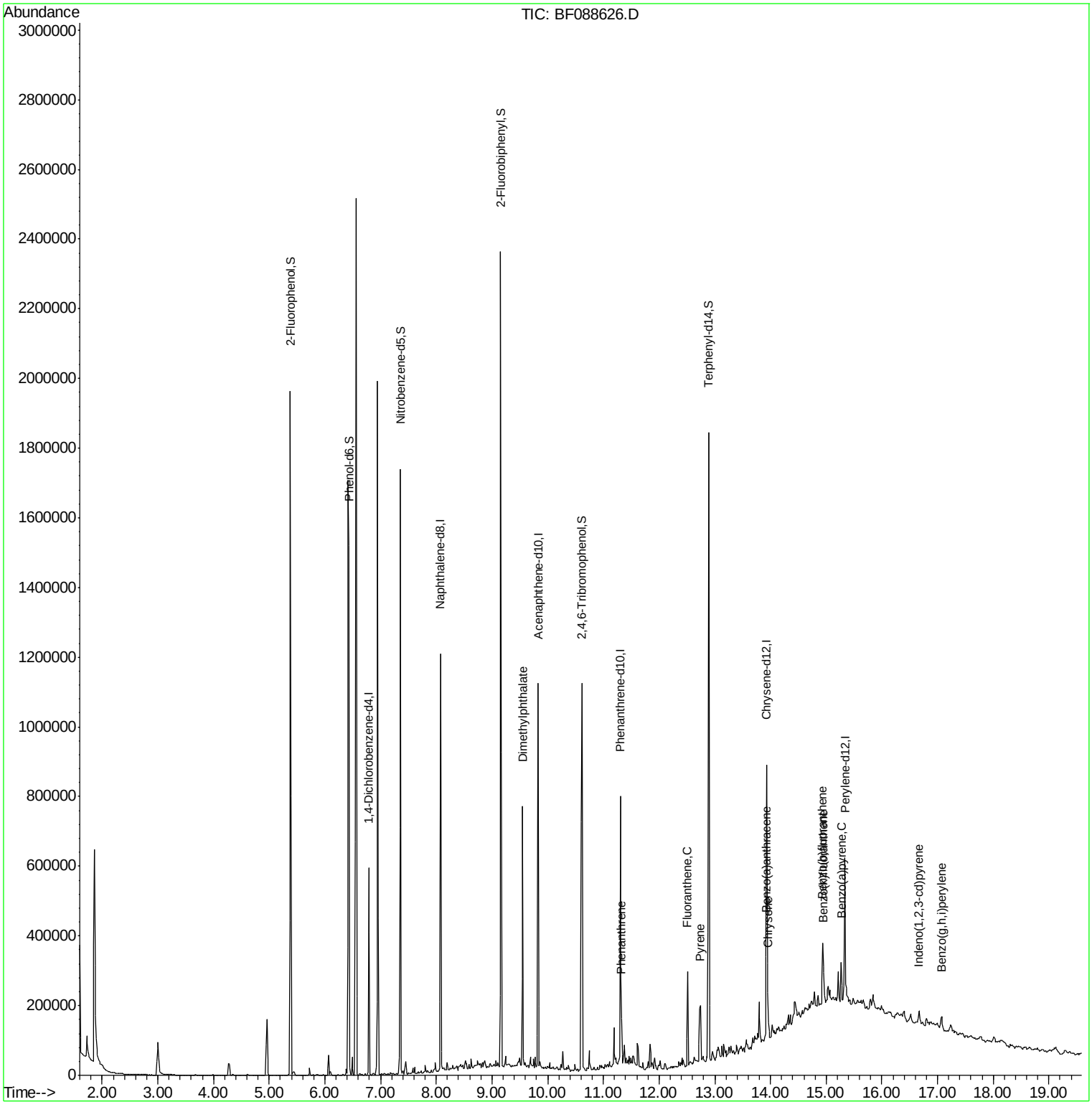
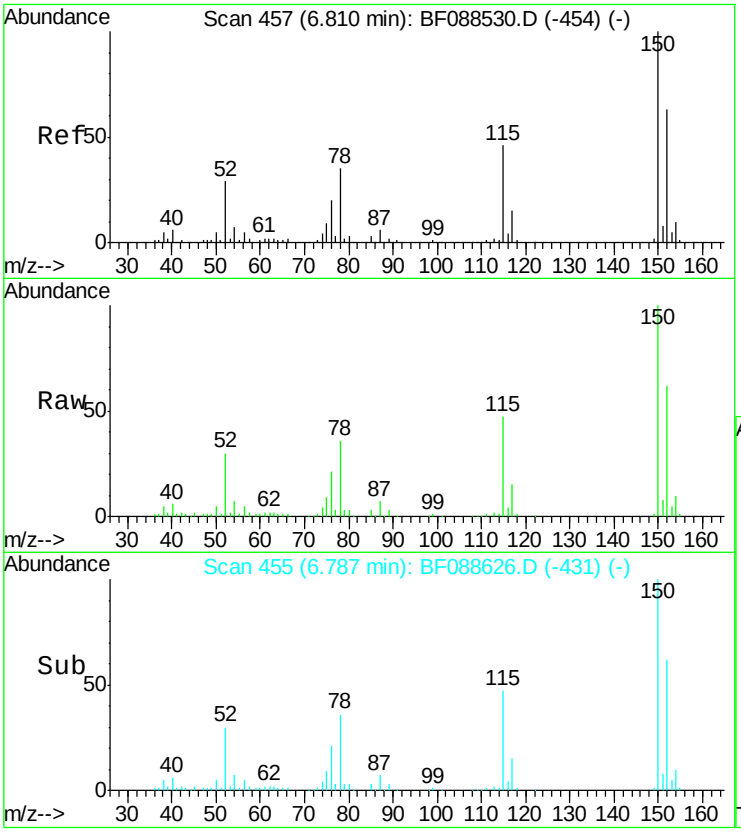
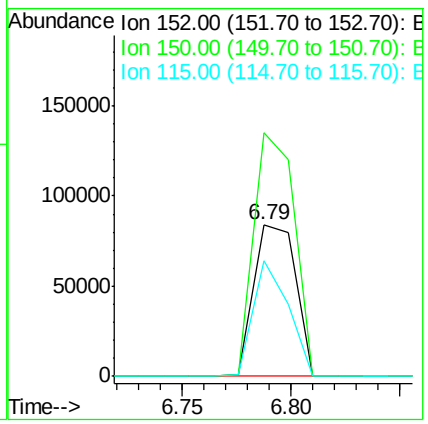




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:152 Resp: 112649

Ion	Ratio	Lower	Upper
152	100		
150	160.7	123.8	185.6
115	76.1	39.6	59.4#



Instrument :
BNA_F
ClientSampleId :
S4-B2(0-11)C

Manual Integrations
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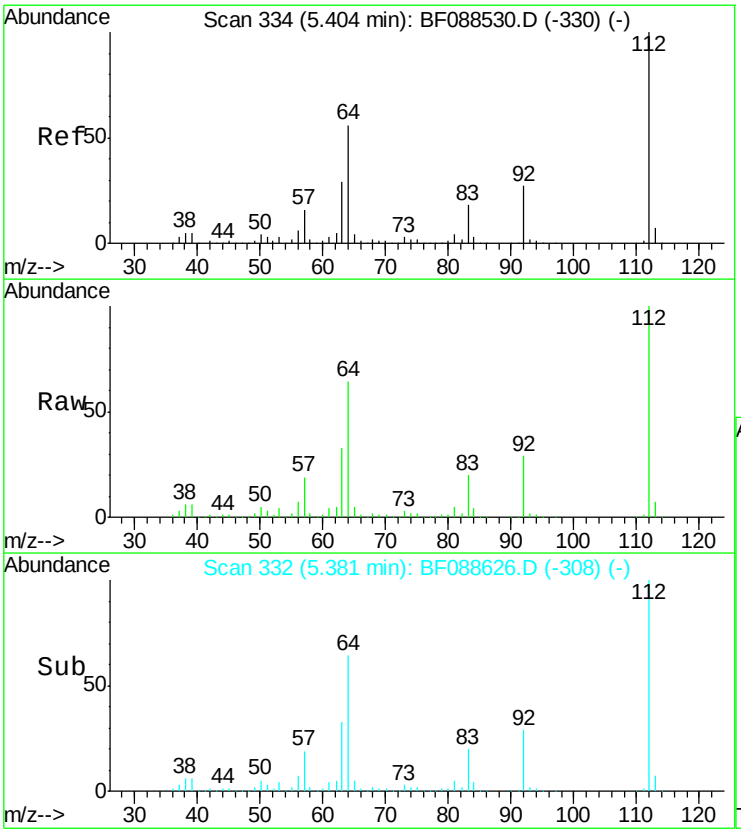
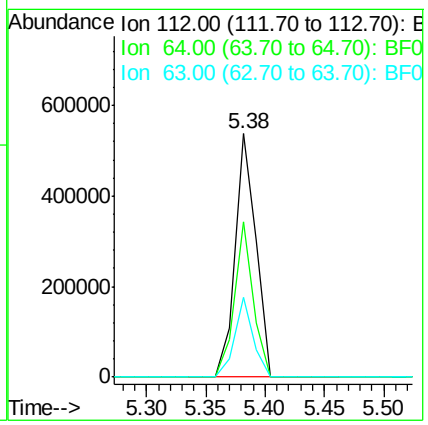
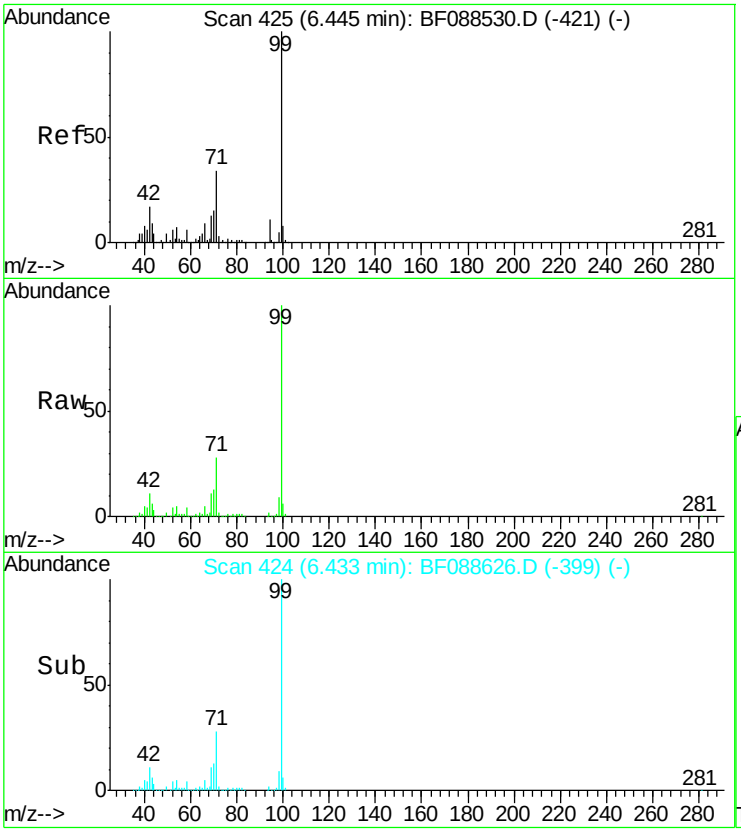


#5
2-Fluorophenol
Concen: 86.86 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:112 Resp: 652898

Ion	Ratio	Lower	Upper
112	100		
64	63.8	42.2	63.2#
63	33.0	21.8	32.8#

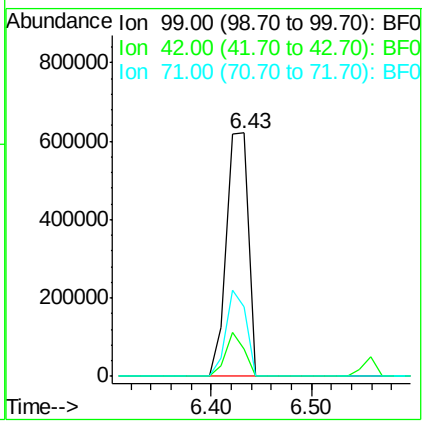




#7
Phenol-d6
Concen: 96.84 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion: 99 Resp: 940545

Ion	Ratio	Lower	Upper
99	100		
42	11.2	12.2	18.2#
71	28.4	23.4	35.0



Instrument :
BNA_F
ClientSampleId :
S4-B2(0-11)C

Manual Integrations
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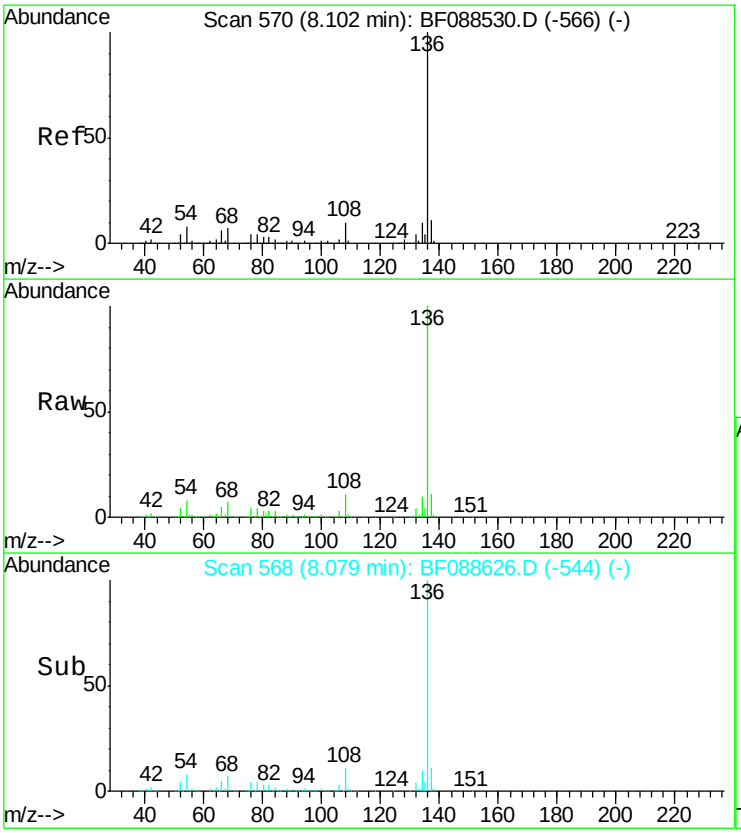
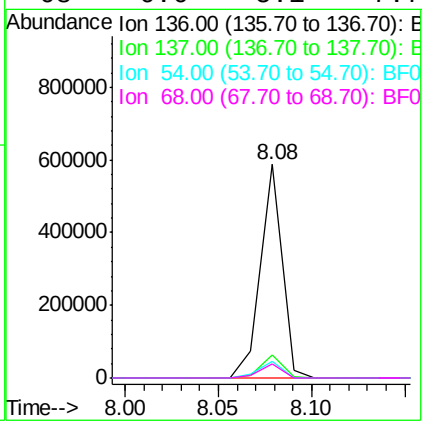
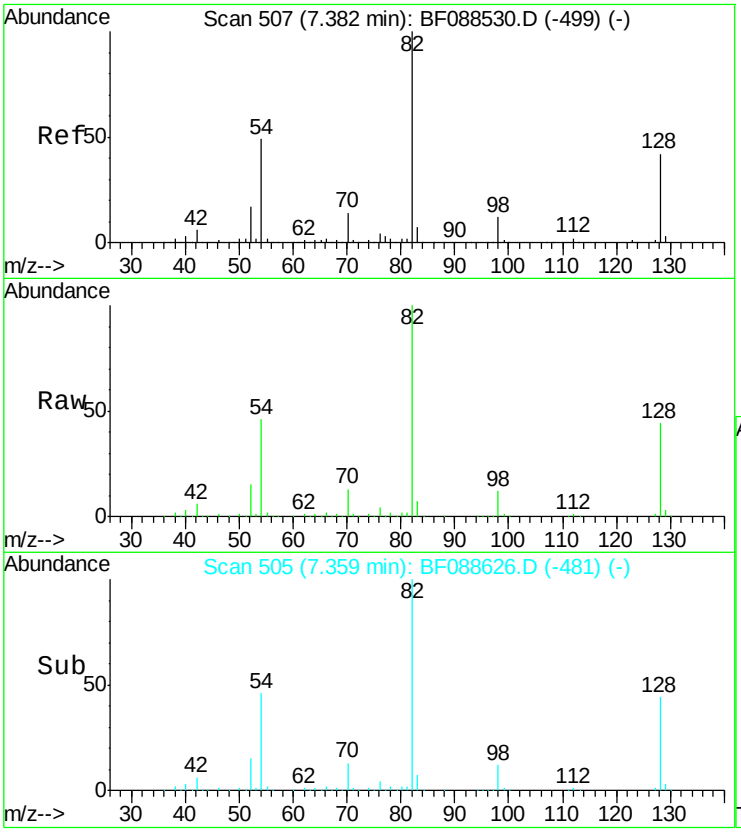


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:136 Resp: 469415

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.6	6.6	10.0
68	6.6	5.1	7.7

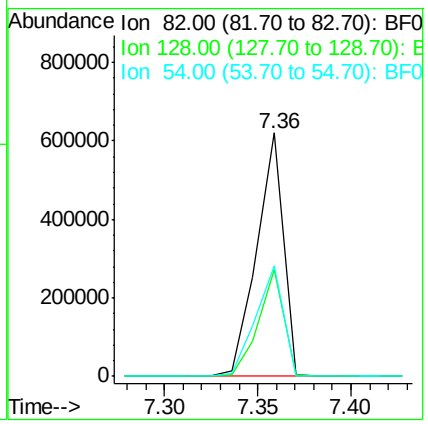




#23
Nitrobenzene-d5
Concen: 68.28 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion: 82 Resp: 611589

Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.9	53.9
54	45.6	40.9	61.3



Instrument :
BNA_F
ClientSampleId :
S4-B2(0-11)C

Manual Integrations
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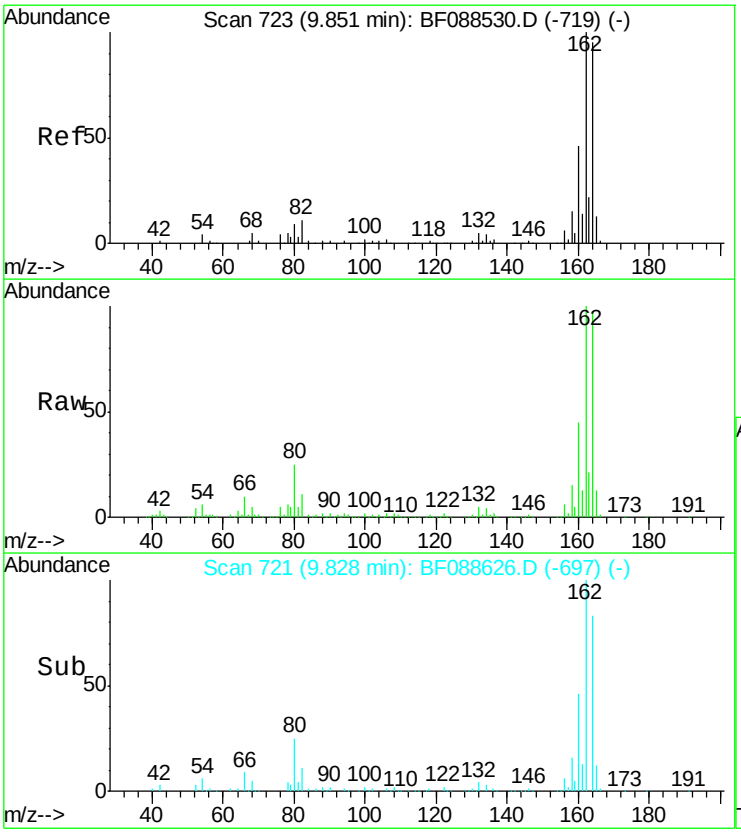
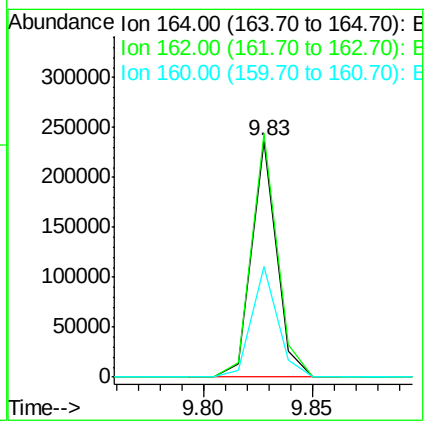
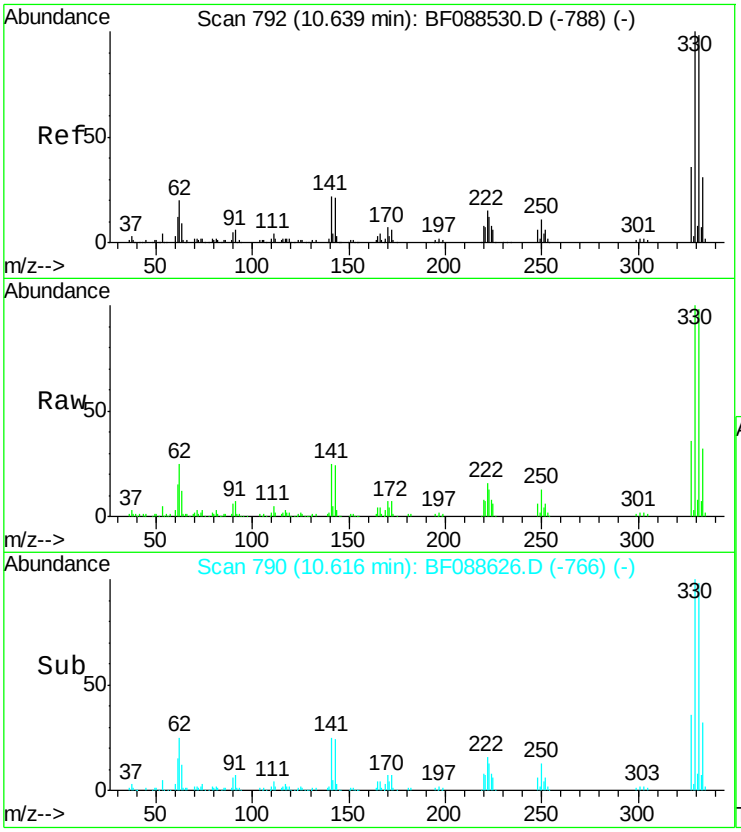


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:164 Resp: 189186

Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.4	128.2
160	46.7	39.5	59.3

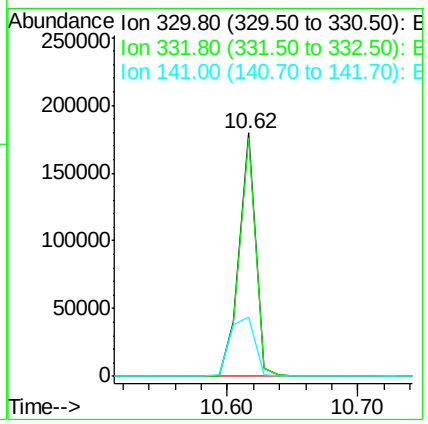




#41
2,4,6-Tribromophenol
Concen: 88.58 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:330 Resp: 155617

Ion	Ratio	Lower	Upper
330	100		
332	97.8	0.0	0.0#
141	37.5	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
S4-B2(0-11)C

Manual Integrations
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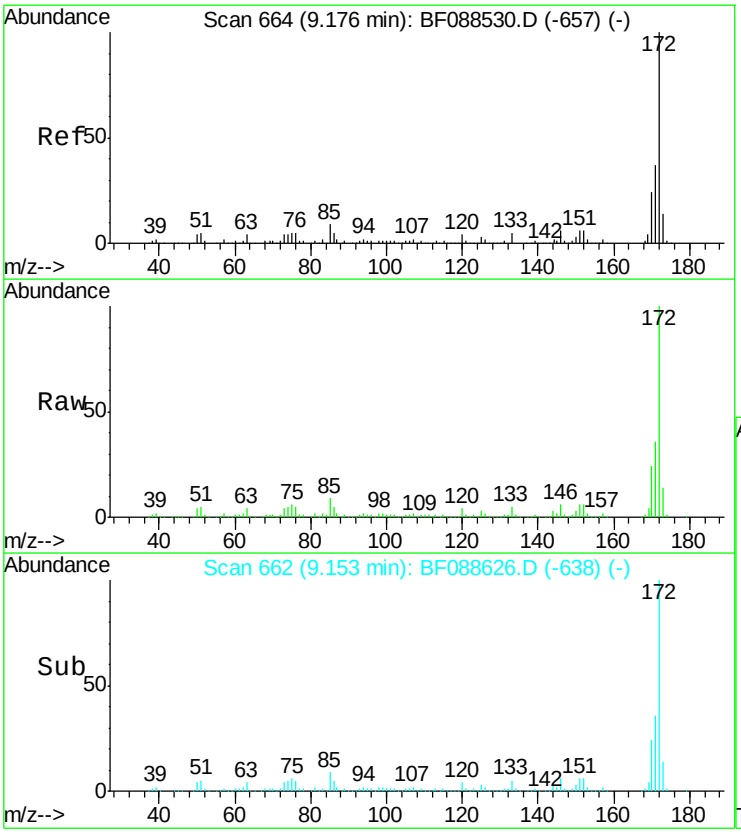
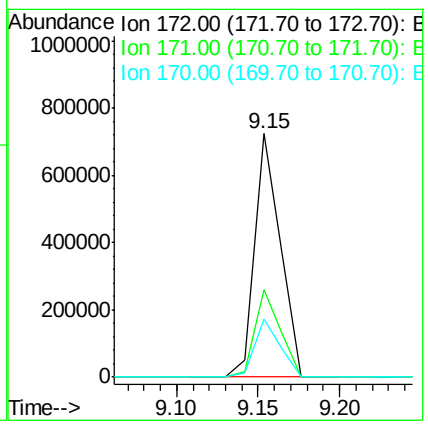
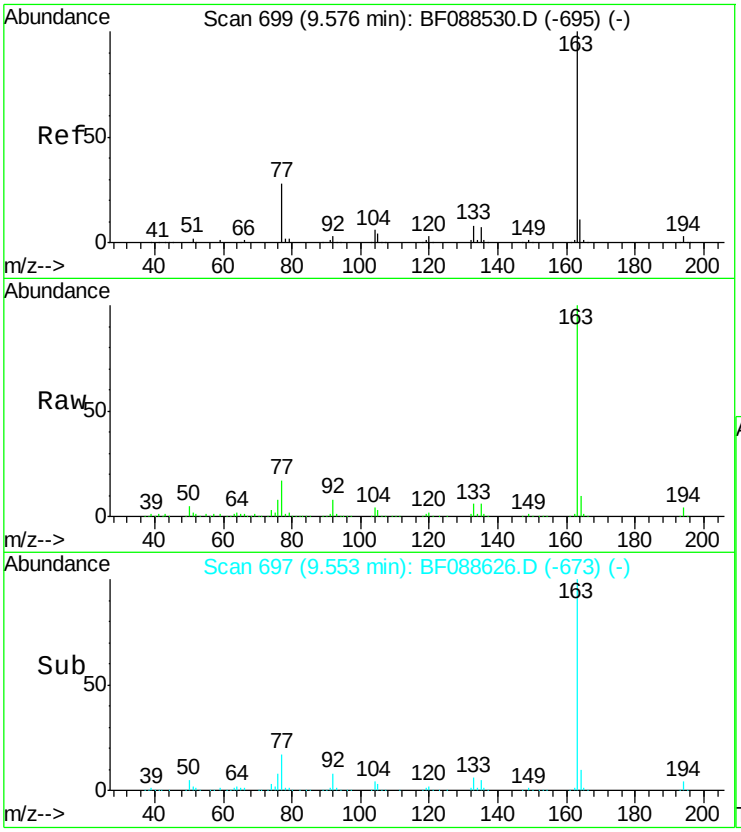


#44
2-Fluorobiphenyl
Concen: 65.78 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:172 Resp: 787862

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.8	19.2	28.8

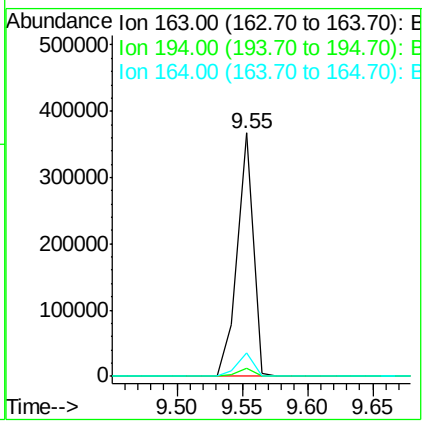




#49
Dimethylphthalate
Concen: 22.99 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:163 Resp: 309855

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.7	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
S4-B2(0-11)C

Manual Integrations
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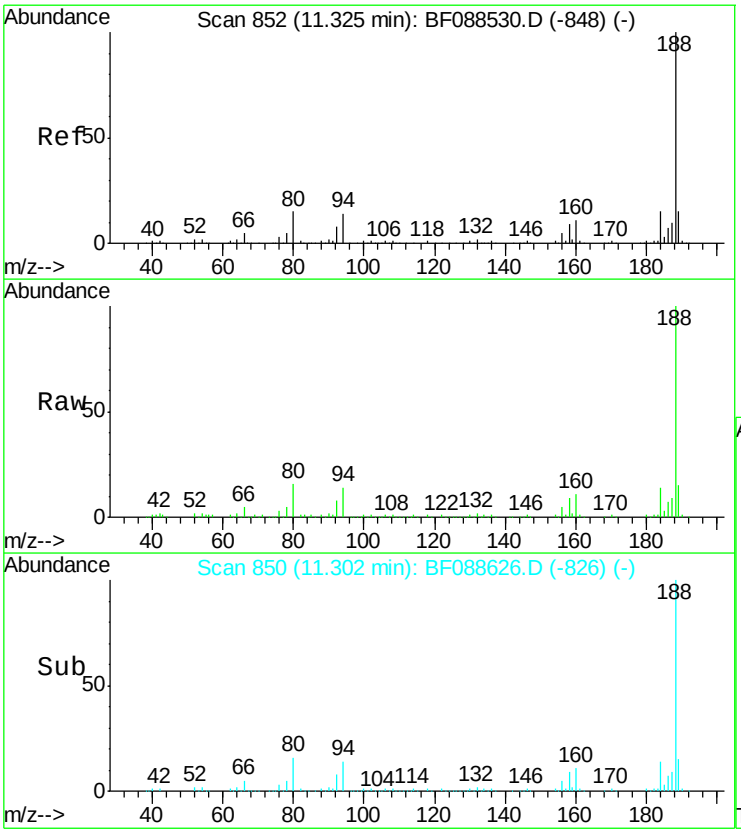
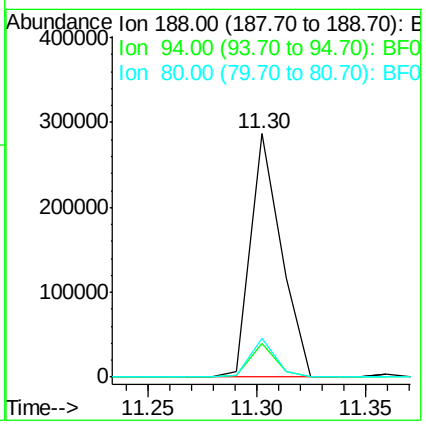
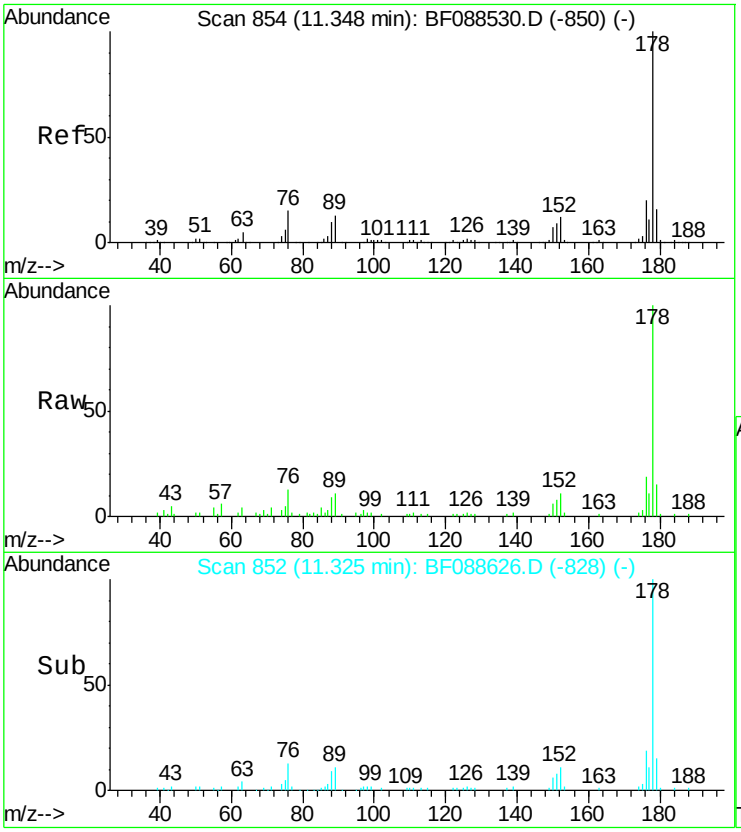


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:188 Resp: 281275

Ion	Ratio	Lower	Upper
188	100		
94	13.6	9.0	13.6#
80	15.8	10.0	15.0#

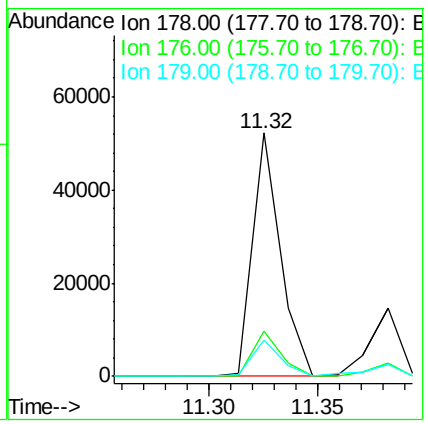




#70
Phenanthrene
Concen: 3.04 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:178 Resp: 46676

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.6
179	15.1	13.0	19.4



Instrument :
BNA_F
ClientSampleId :
S4-B2(0-11)C

Manual Integrations
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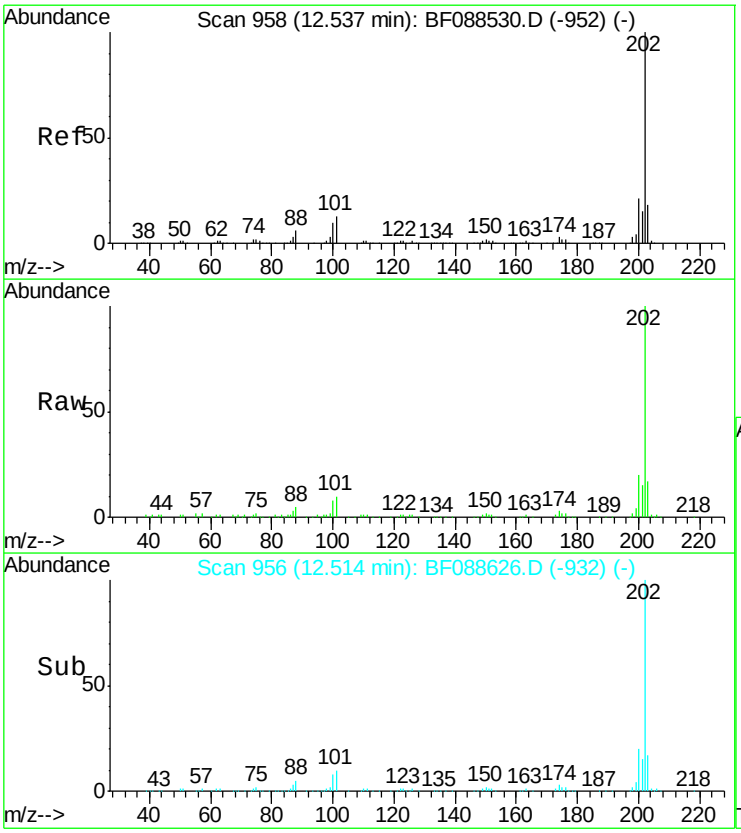
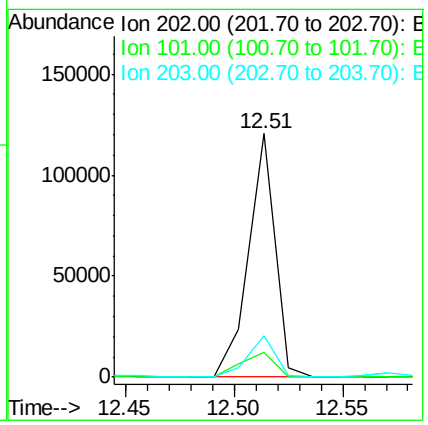
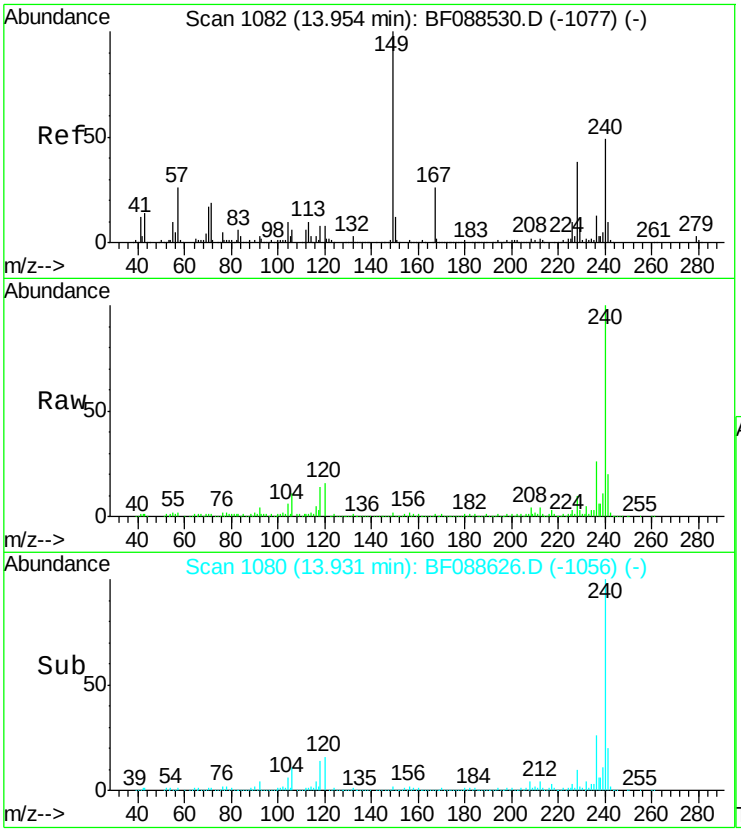


#74
Fluoranthene
Concen: 6.56 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:202 Resp: 102304

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	33.1
203	17.0	0.0	38.1

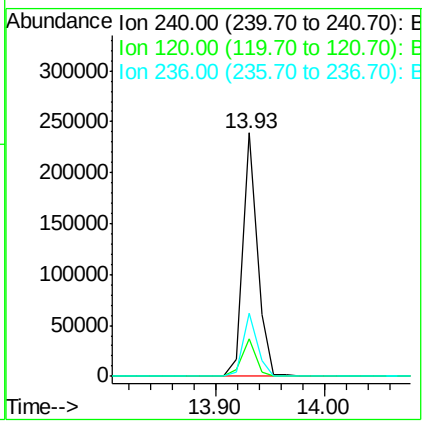




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:240 Resp: 220412

Ion	Ratio	Lower	Upper
240	100		
120	15.6	6.8	10.2#
236	26.0	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
S4-B2(0-11)C

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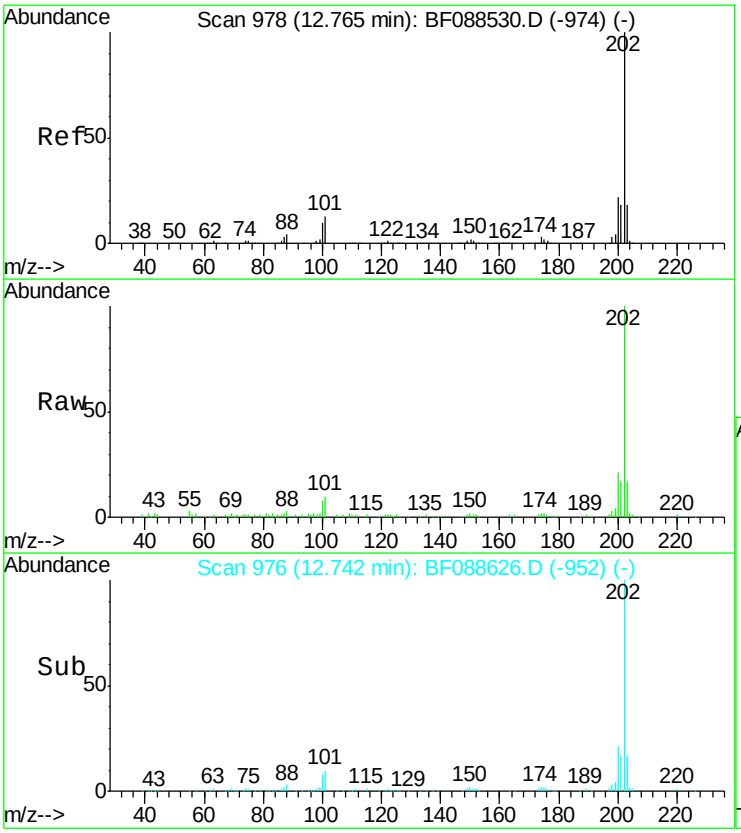
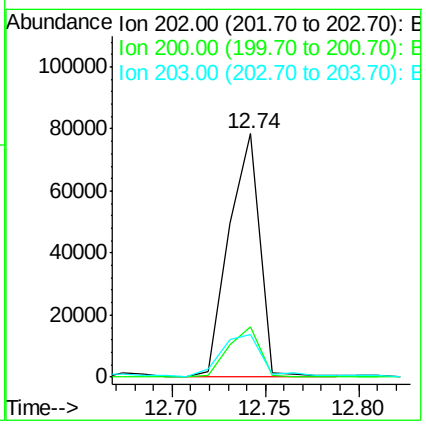
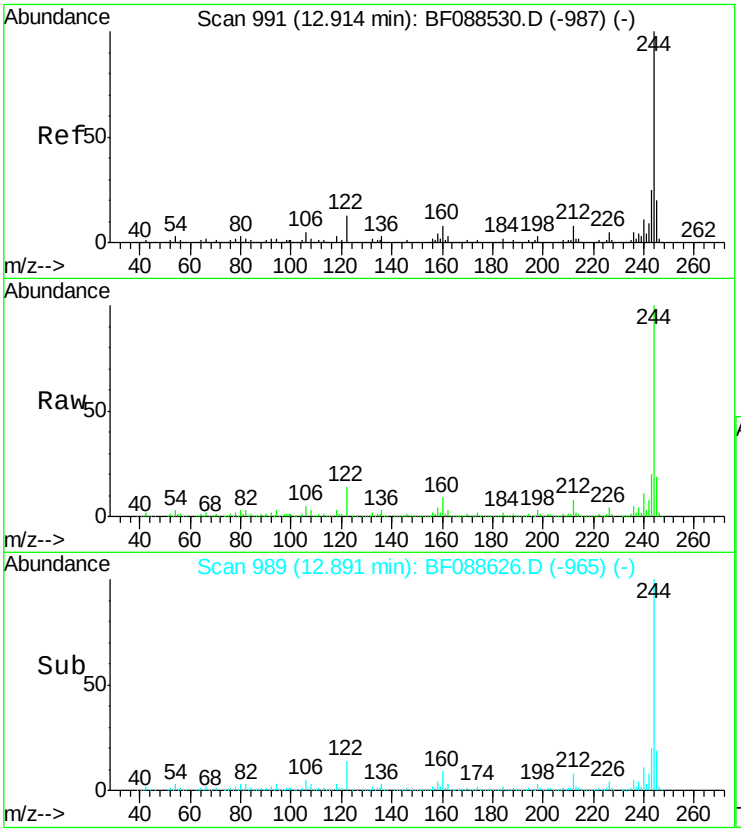


#77
Pyrene
Concen: 4.90 ng
RT: 12.74 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:202 Resp: 91584

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.4	14.5	21.7

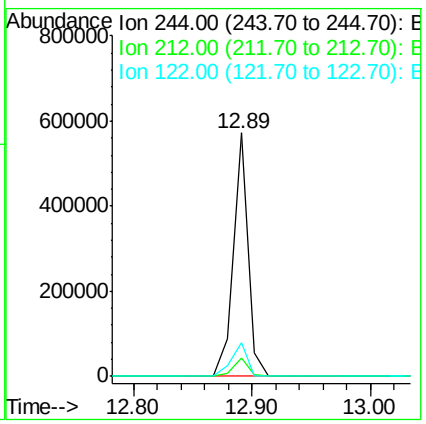




#78
Terphenyl-d14
Concen: 49.68 ng
RT: 12.89 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:244 Resp: 491626

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.7	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
S4-B2(0-11)C

Manual Integrations
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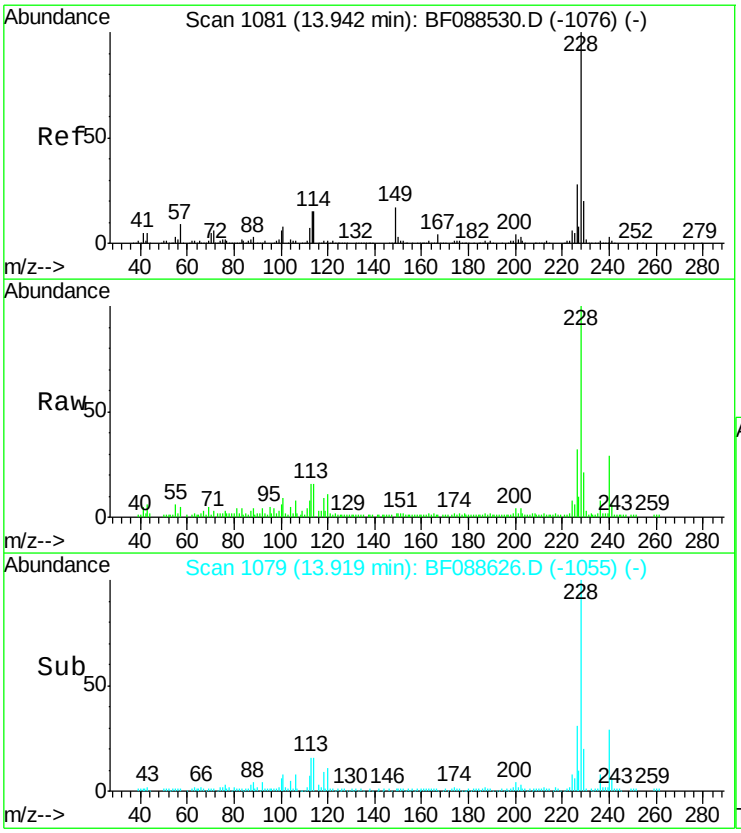
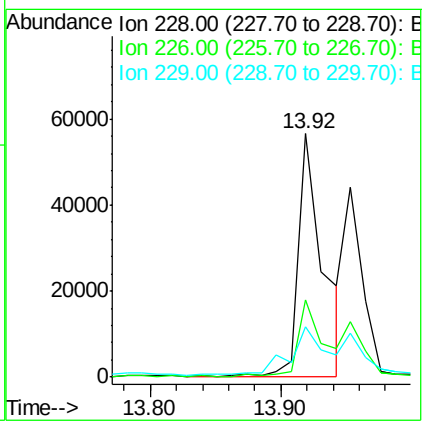
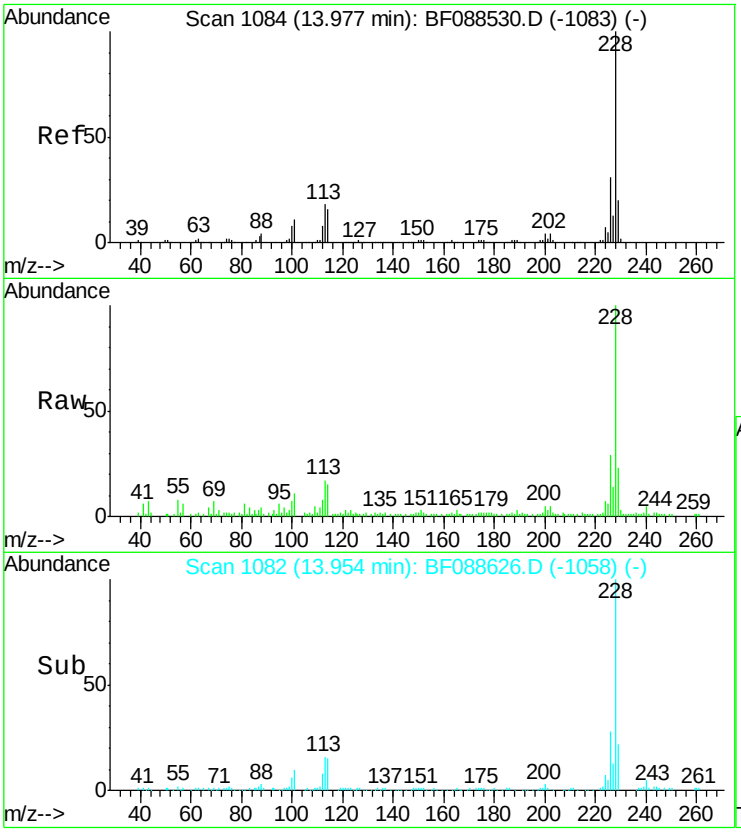


#80
Benzo(a)anthracene
Concen: 5.28 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:228 Resp: 74979

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.3	33.5
229	20.7	16.0	24.0

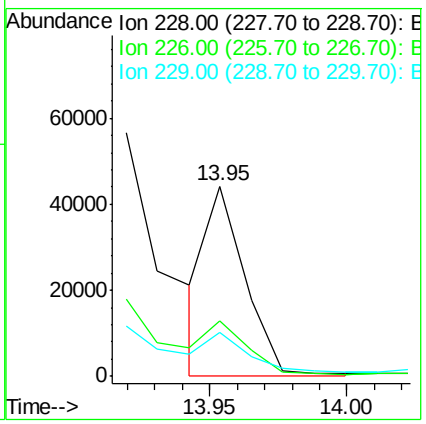




#82
Chrysene
Concen: 3.14 ng m
RT: 13.95 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:228 Resp: 44148

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.4	38.2
229	23.3	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
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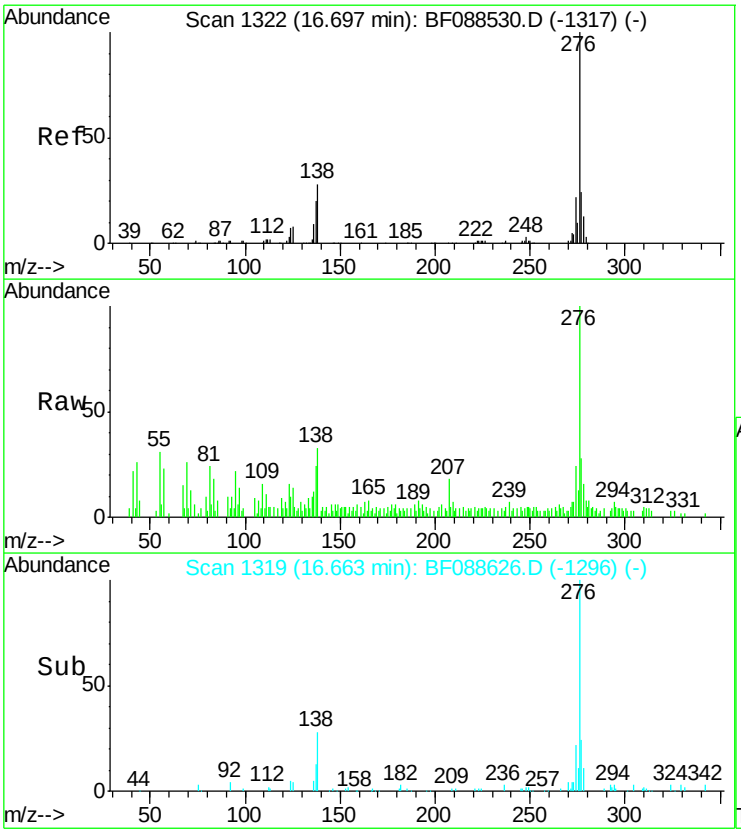
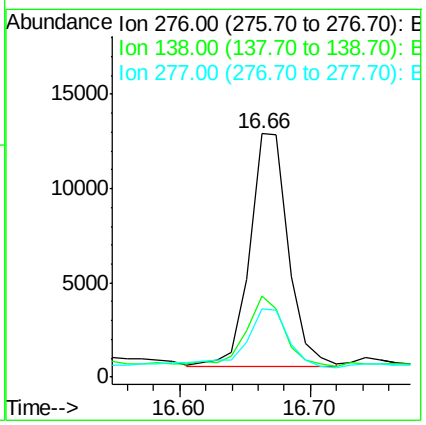
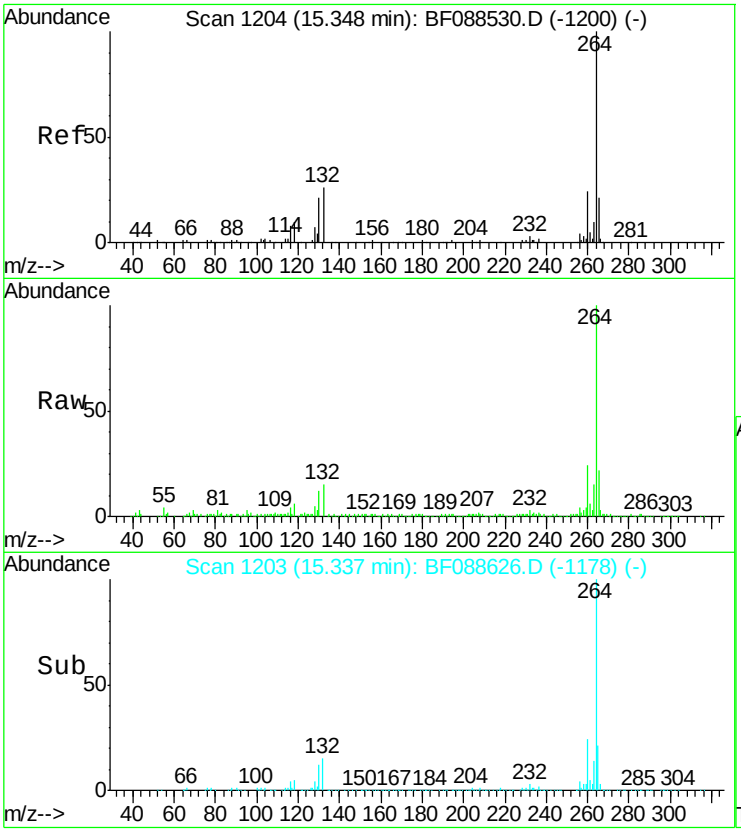


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.35 ng
RT: 16.66 min Scan# 1319
Delta R.T. -0.03 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:276 Resp: 25420

Ion	Ratio	Lower	Upper
276	100		
138	30.0	0.0	0.0#
277	31.0	0.0	0.0#

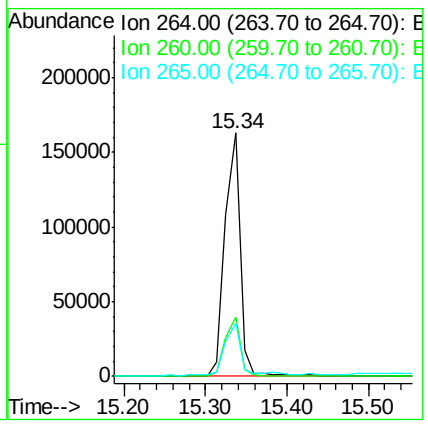




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:264 Resp: 212078

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	16.9	25.3



Instrument :
BNA_F
ClientSampleId :
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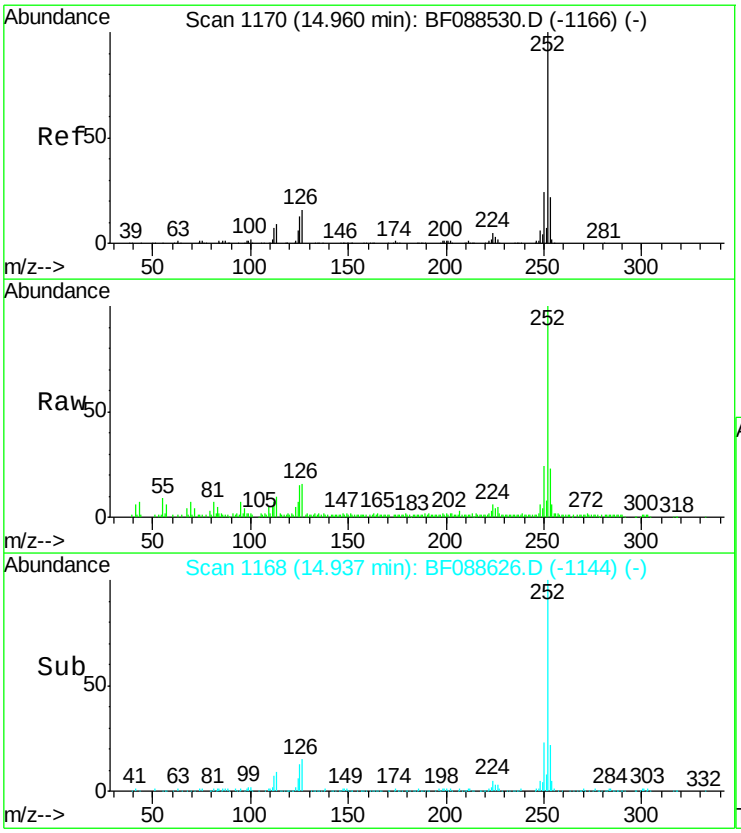
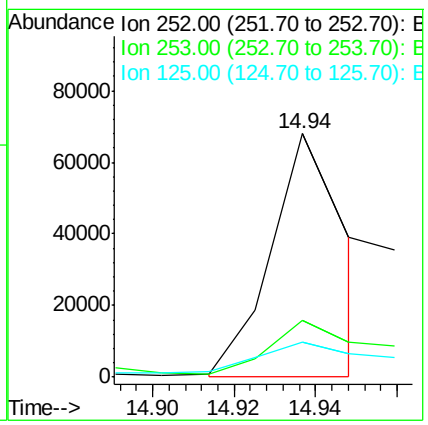
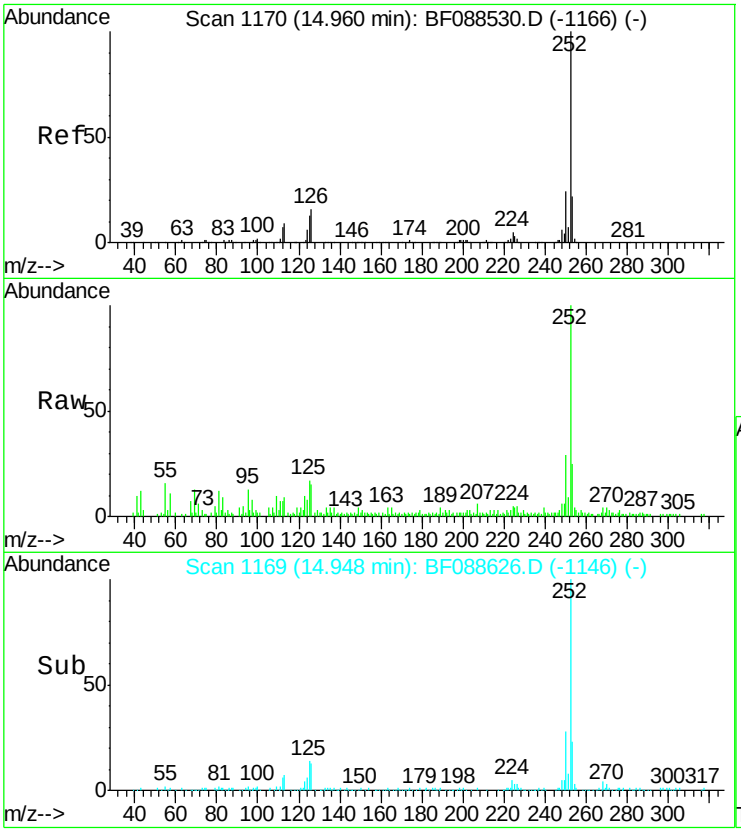


#87
Benzo(b)fluoranthene
Concen: 6.48 ng m
RT: 14.94 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:252 Resp: 86235

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	14.6	7.1	10.7#

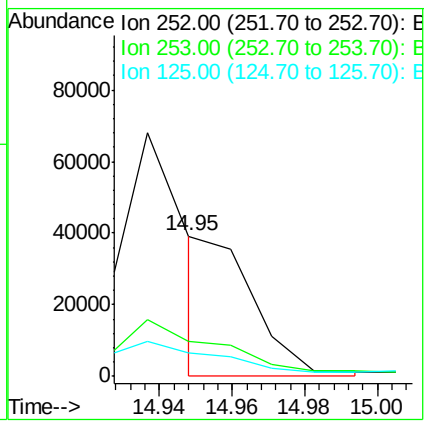




#88
Benzo(k)fluoranthene
Concen: 2.94 ng m
RT: 14.95 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:252 Resp: 34074

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	16.8	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
S4-B2(0-11)C

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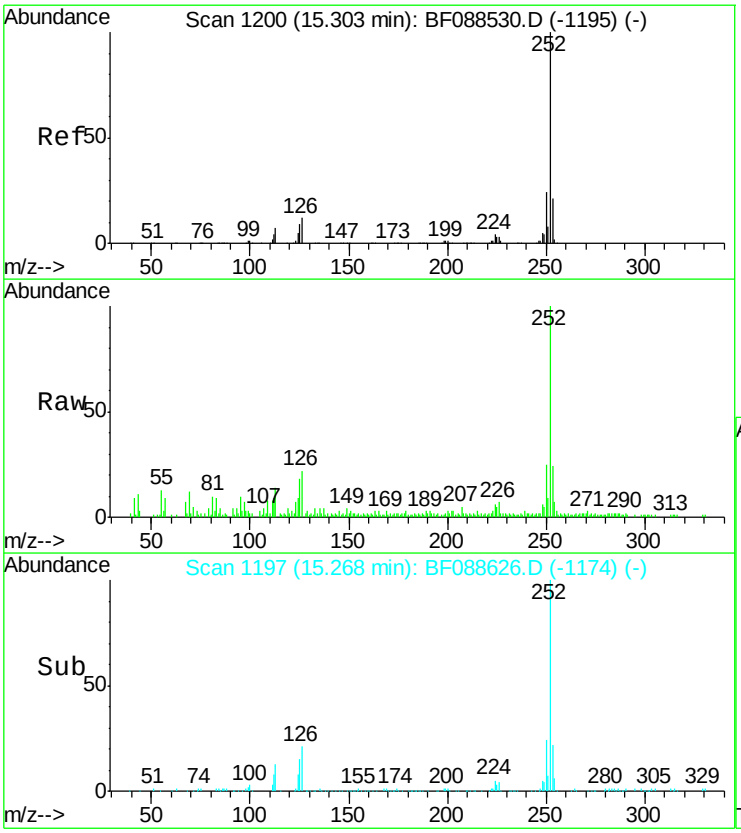
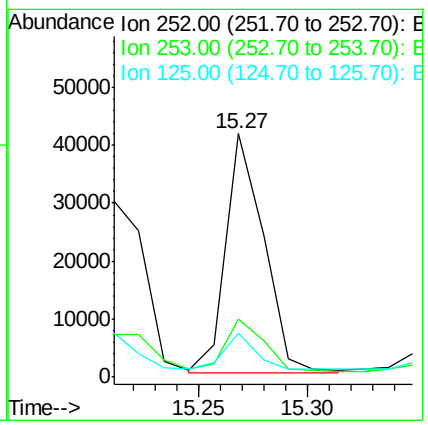
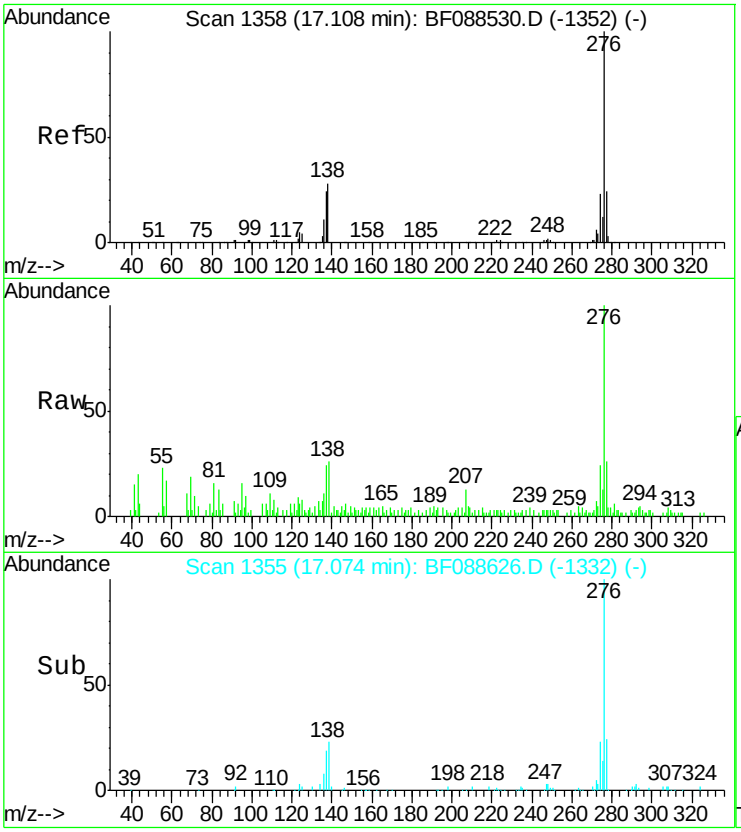


#89
Benzo(a)pyrene
Concen: 4.43 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.03 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:252 Resp: 49870

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	17.9	12.5	18.7

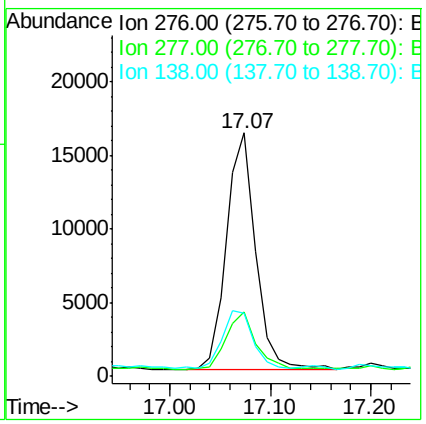




#91
Benzo(g,h,i)perylene
Concen: 3.30 ng
RT: 17.07 min Scan# 1355
Delta R.T. -0.03 min
Lab File: BF088626.D
Acq: 2 Jul 2016 19:35

Tgt Ion:276 Resp: 32099

Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.9	28.3
138	25.8	21.4	32.2



Instrument :
BNA_F
ClientSampleId :
S4-B2(0-11)C

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