Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097448.D
Acq On : 8 Aug 2017 00:09
Operator : SJ/JU
Sample : I4582-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S1

Manual Integrations APPROVED
Sohil
8/9/2017 9:21:33 PM

Quant Time: Aug 08 06:50:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	99373	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	353051	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	136273	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	200492	20.00	ng	0.00
75) Chrysene-d12	13.53	240	202910	20.00	ng	0.00
86) Perylene-d12	14.87	264	141886	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	405451	61.51	ng	0.00
7) Phenol-d6	6.08	99	471762	62.69	ng	0.00
23) Nitrobenzene-d5	6.98	82	285431	47.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.23	330	61649	57.26	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	427170	53.20	ng	0.00
78) Terphenyl-d14	12.49	244	311605	31.31	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.10	94	19490	2.183	ng	# 77
49) Dimethylphthalate	9.17	163	90364	8.732	ng	# 99
70) Phenanthrene	10.93	178	29470	2.743	ng	99
74) Fluoranthene	12.12	202	70168	6.668	ng	99
77) Pyrene	12.34	202	62567	3.766	ng	99
80) Benzo(a)anthracene	13.52	228	39298	2.993	ng	97
82) Chrysene	13.56	228	33700	2.629	ng	95
87) Benzo(b)fluoranthene	14.53	252	41459m	4.861	ng	
89) Benzo(a)pyrene	14.83	252	25174	3.225	ng	# 93

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

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Instrument :
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ClientSampleId :
S1

Manual Integrations APPROVED
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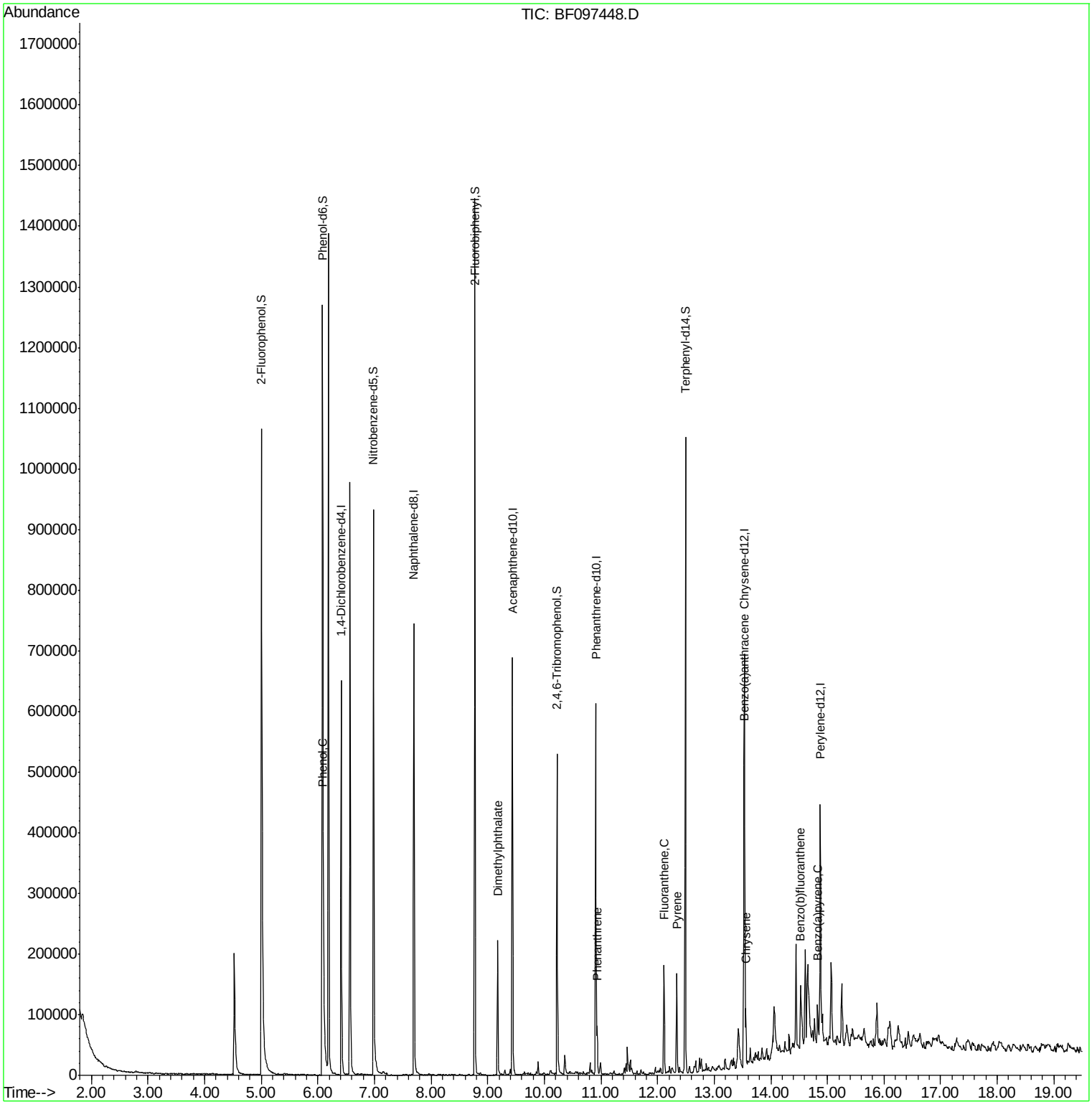
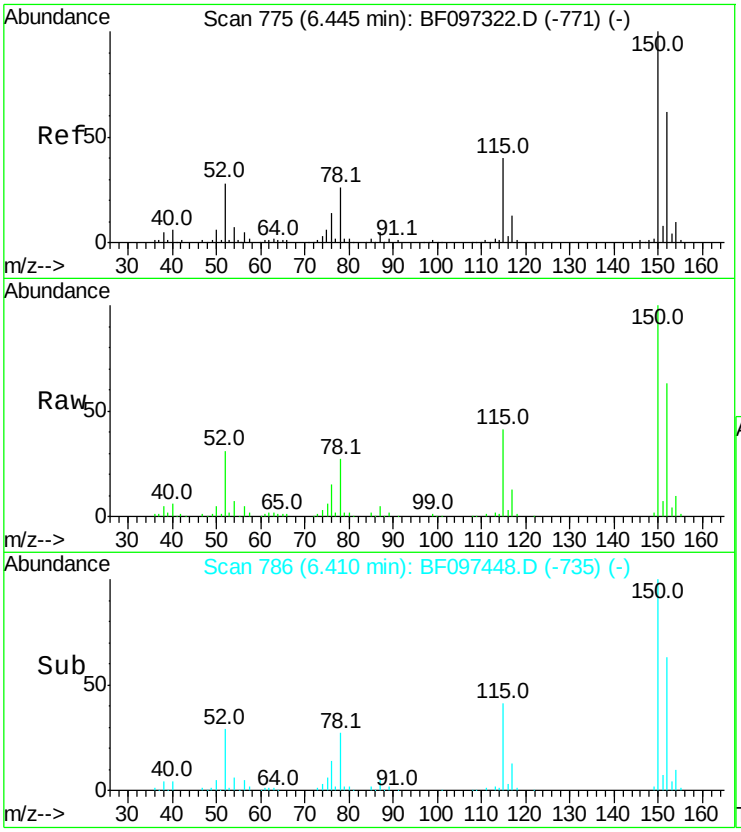
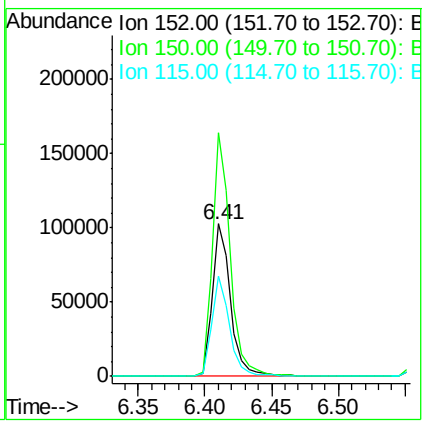




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.41 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion:152 Resp: 99373

Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.2	189.2
115	65.7	52.2	78.2



Instrument :
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ClientSampleId :
S1

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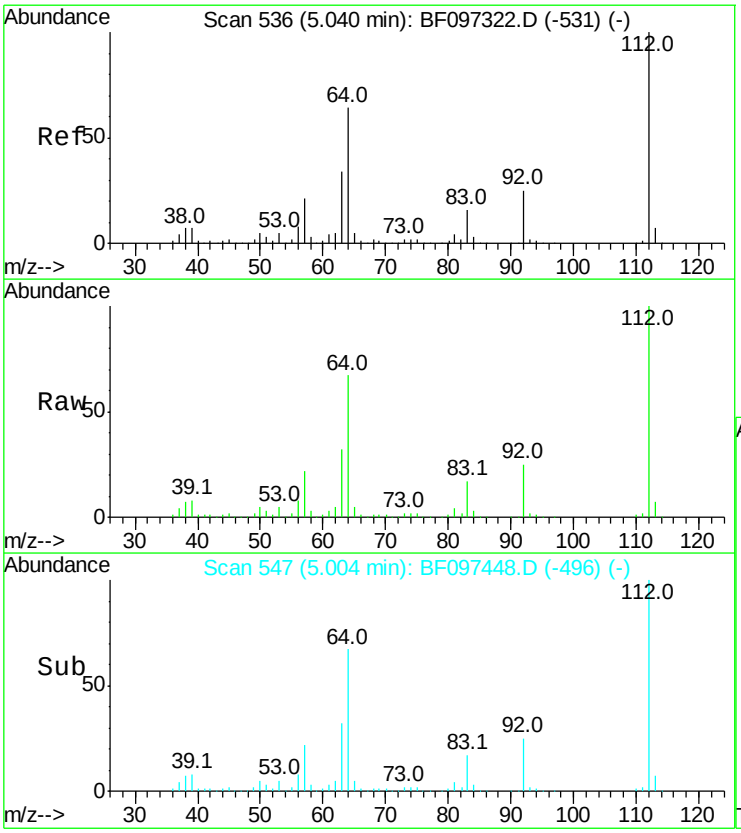
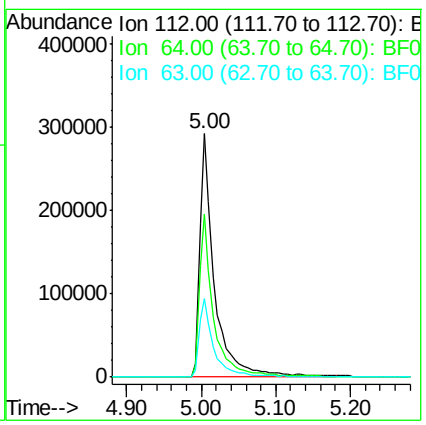
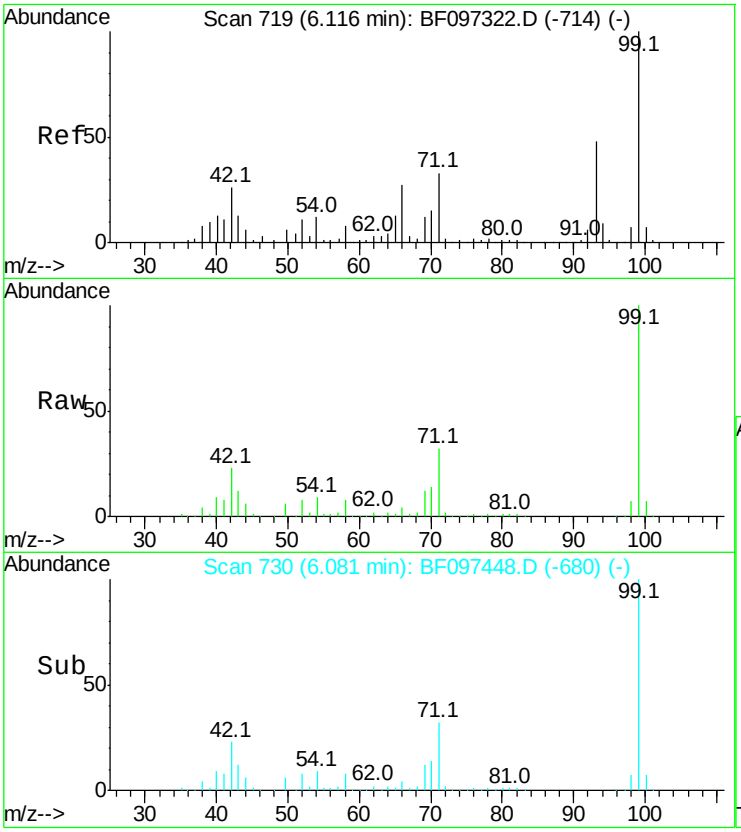


#5
2-Fluorophenol
Concen: 61.507 ng
RT: 5.00 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion:112 Resp: 405451

Ion	Ratio	Lower	Upper
112	100		
64	66.7	46.0	69.0
63	32.2	23.4	35.0

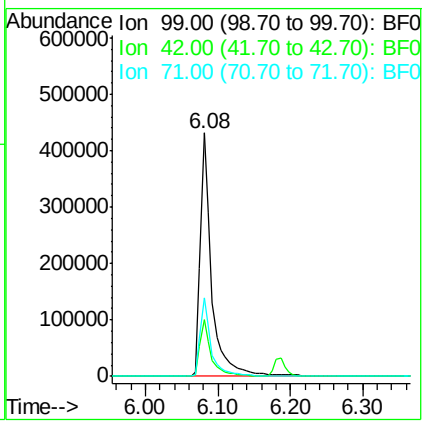




#7
Phenol-d6
Concen: 62.688 ng
RT: 6.08 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion: 99 Resp: 471762

Ion	Ratio	Lower	Upper
99	100		
42	23.3	13.5	20.3#
71	32.0	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
S1

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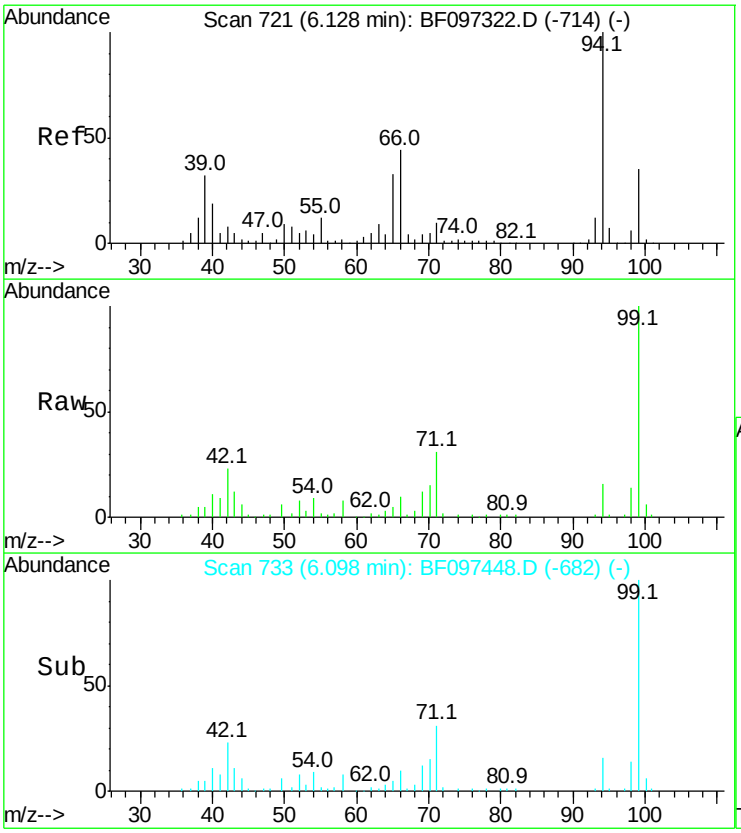
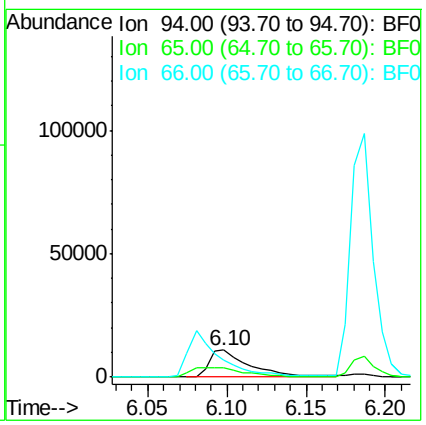
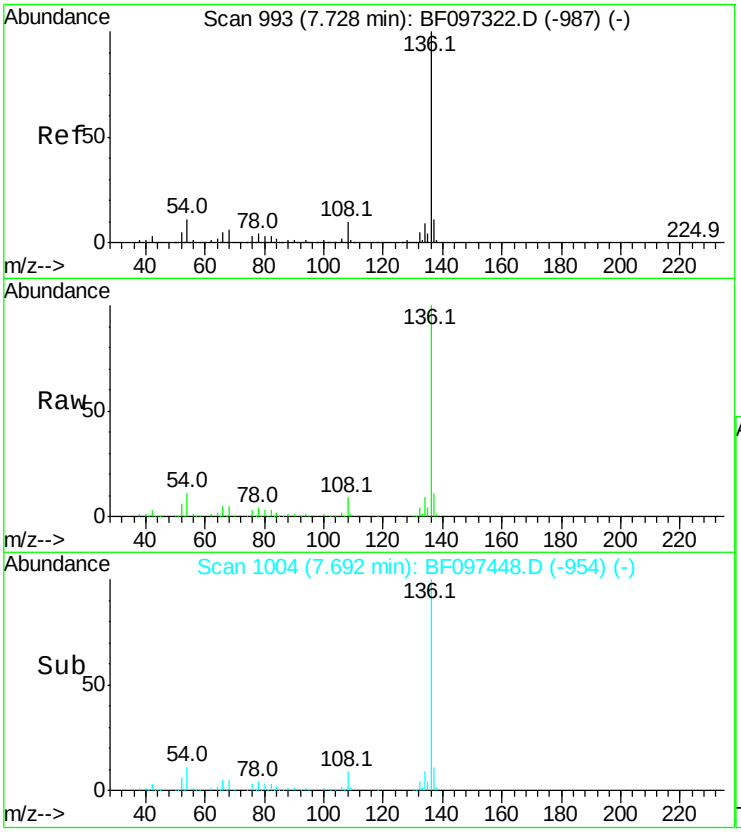


#10
Phenol
Concen: 2.183 ng
RT: 6.10 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion: 94 Resp: 19490

Ion	Ratio	Lower	Upper
94	100		
65	34.4	9.9	49.9
66	64.7	23.1	63.1#

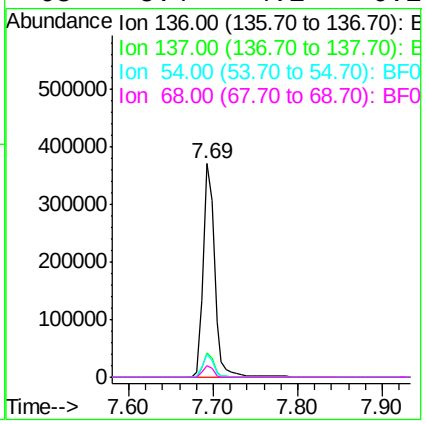




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.69 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion:136 Resp: 353051

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.1	4.9	7.3#
68	5.4	4.1	6.1



Instrument :
BNA_F
ClientSampleId :
S1

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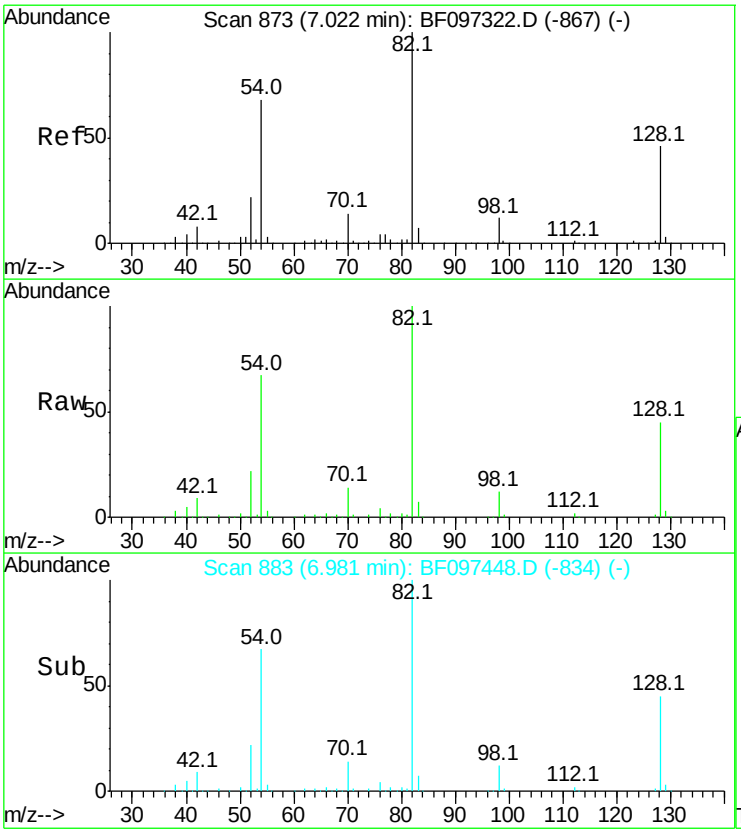
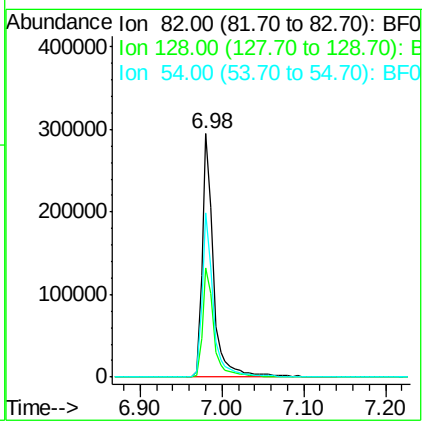
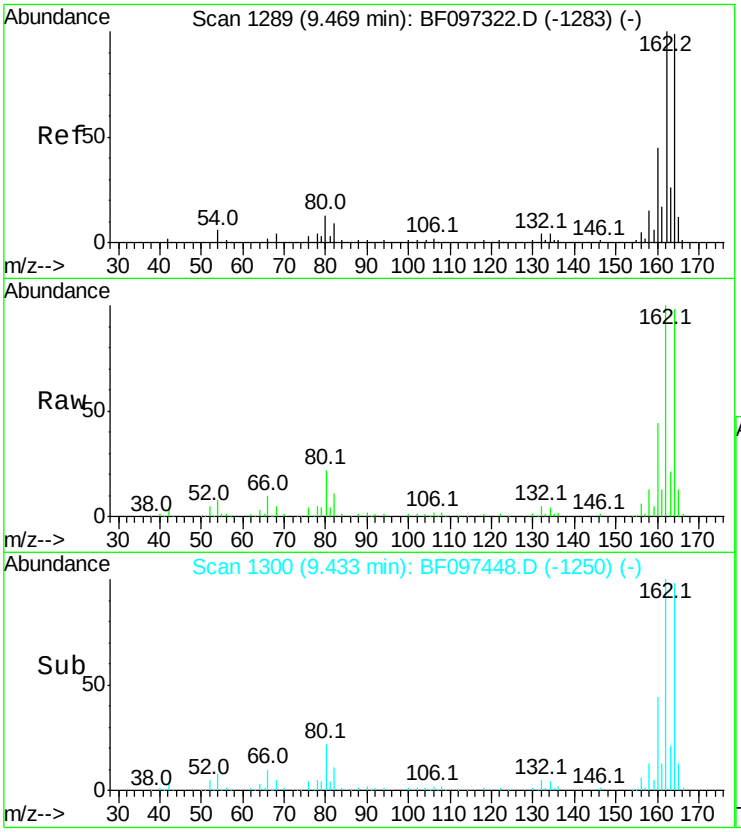


#23
Nitrobenzene-d5
Concen: 47.428 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion: 82 Resp: 285431

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.0	51.0
54	67.4	42.2	63.2#

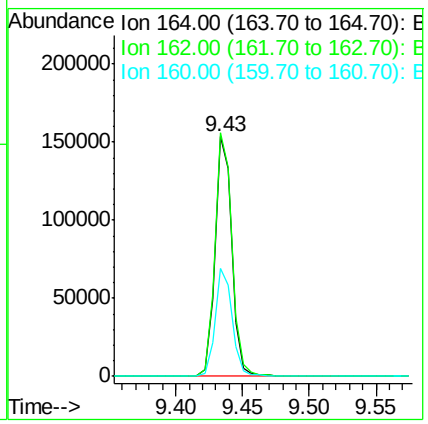




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion:164 Resp: 136273

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	44.9	36.2	54.2



Instrument :
BNA_F
ClientSampleId :
S1

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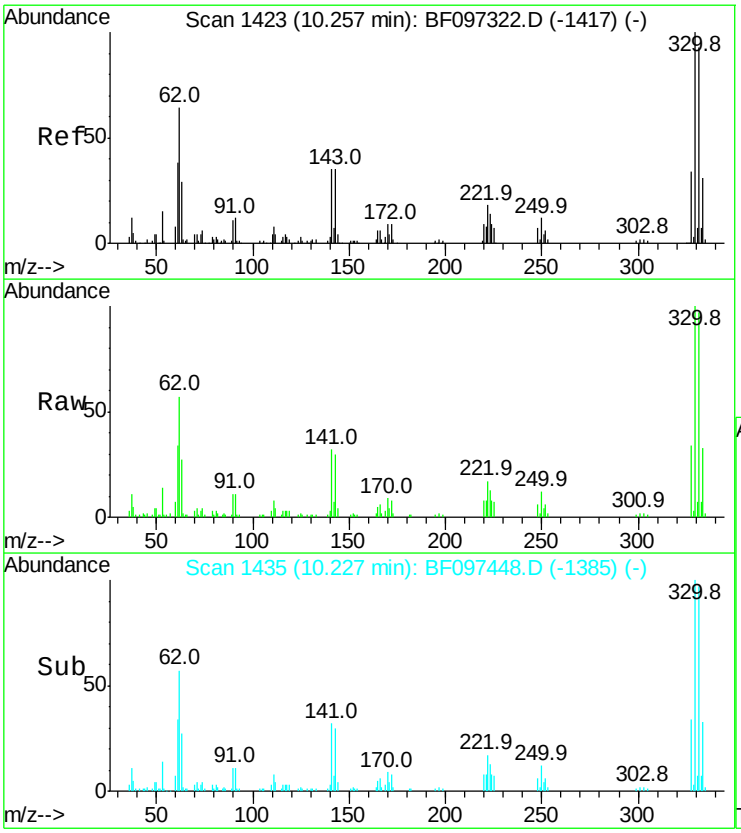
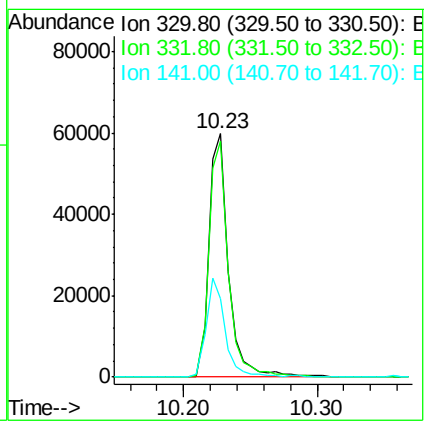
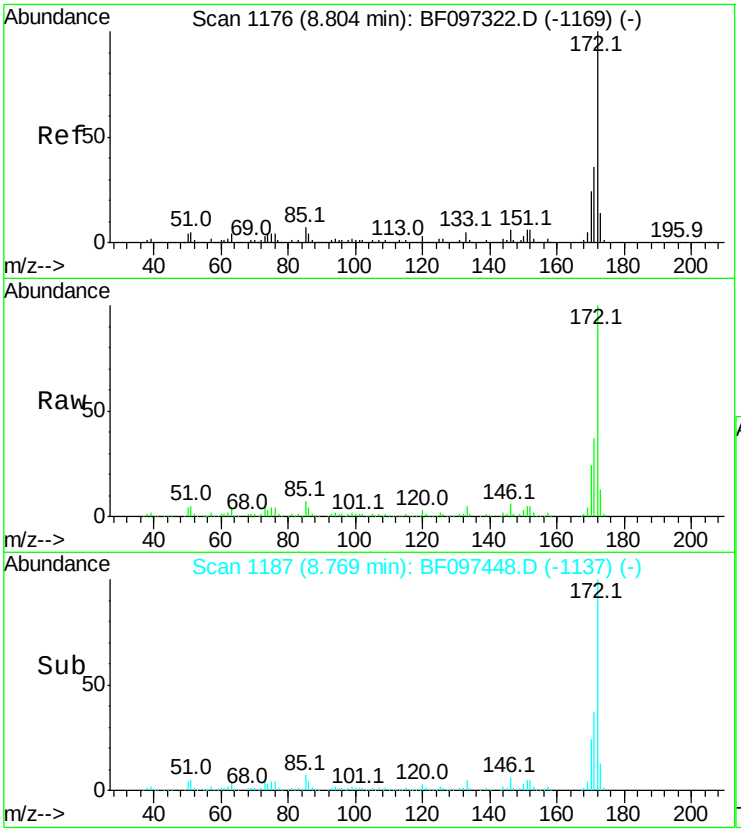


#41
2,4,6-Tribromophenol
Concen: 57.258 ng
RT: 10.23 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion:330 Resp: 61649

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	39.0	31.4	47.2

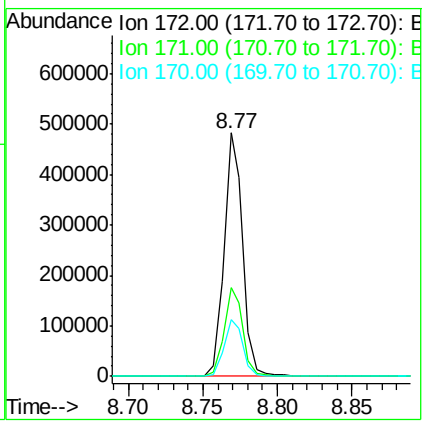




#44
2-Fluorobiphenyl
Concen: 53.198 ng
RT: 8.77 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion:172 Resp: 427170

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.5	19.8	29.8



Instrument :
BNA_F
ClientSampleId :
S1

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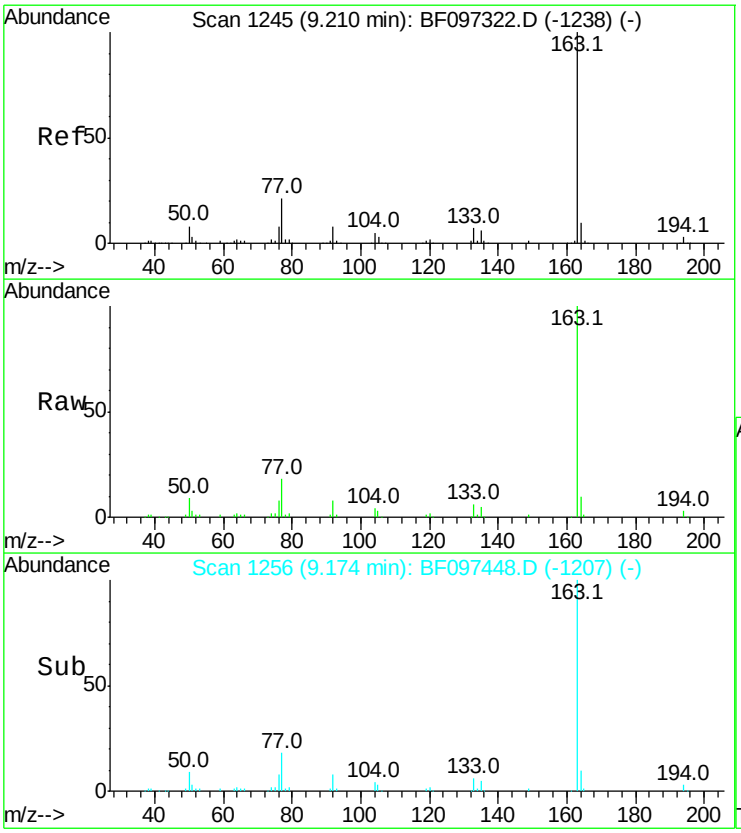
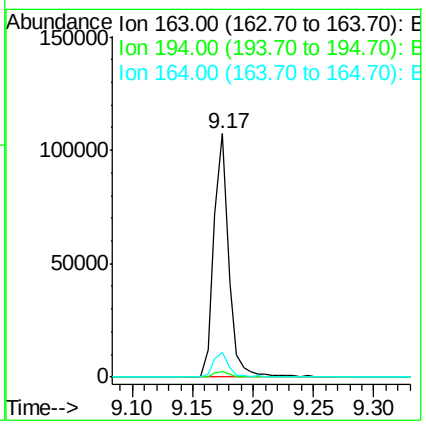
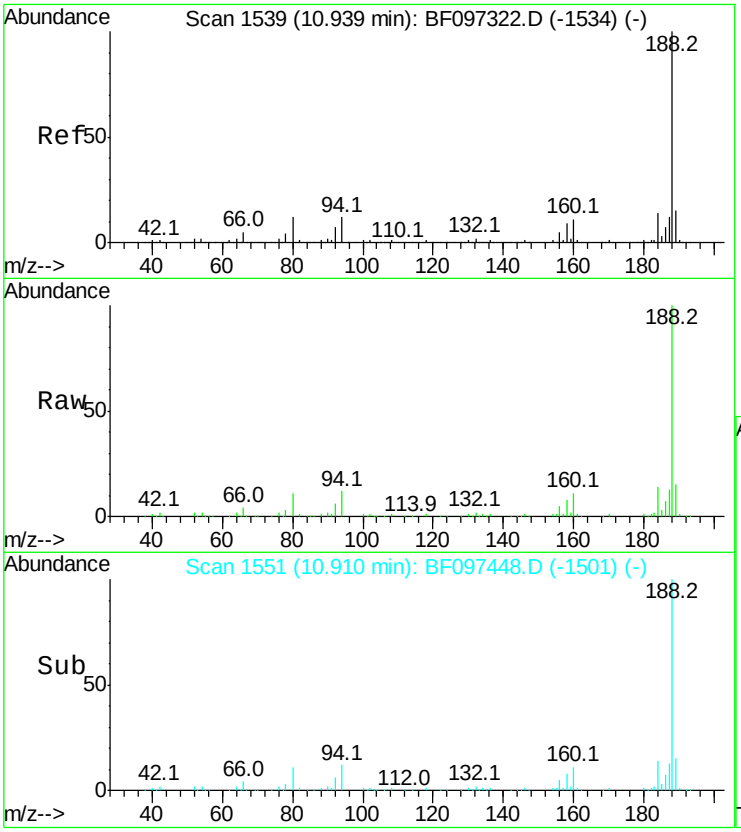


#49
Dimethylphthalate
Concen: 8.732 ng
RT: 9.17 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion:163 Resp: 90364

Ion	Ratio	Lower	Upper
163	100		
194	2.5	2.6	4.0#
164	10.2	8.4	12.6

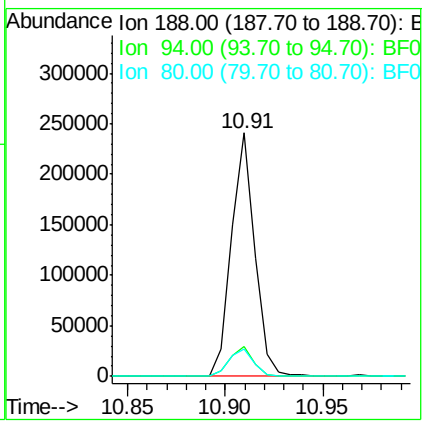




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion:188 Resp: 200492

Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	11.0	10.2	15.2



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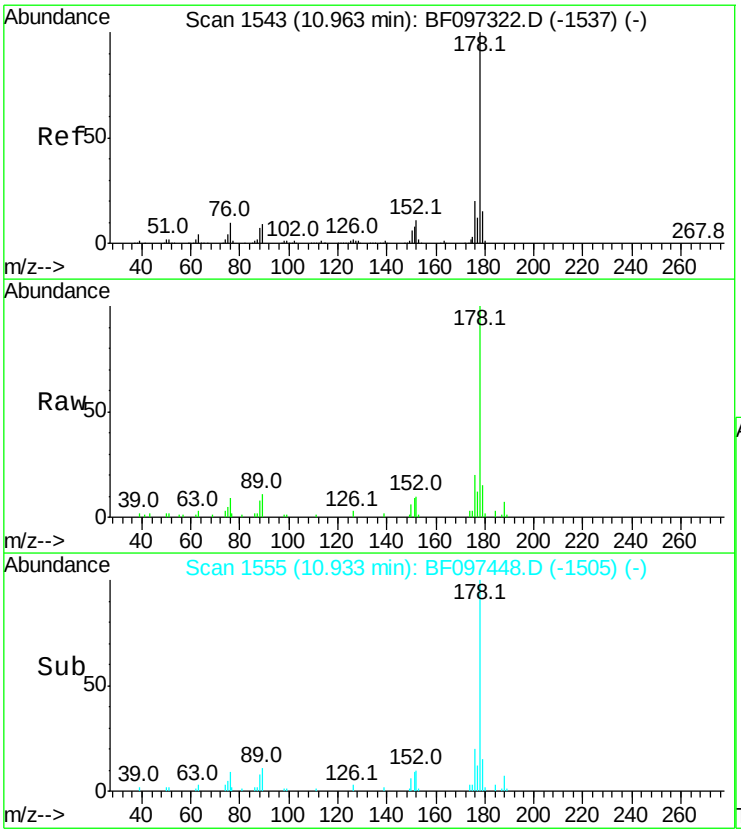
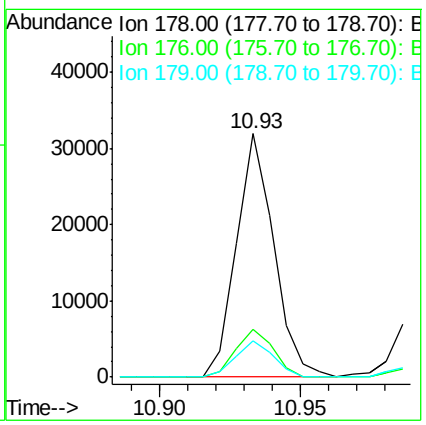
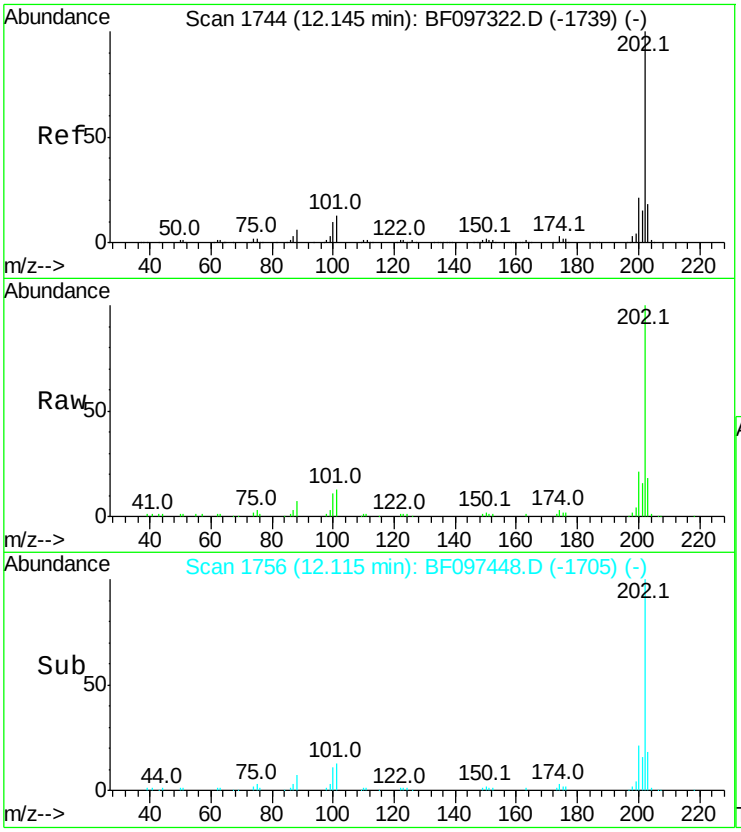


#70
Phenanthrene
Concen: 2.743 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion:178 Resp: 29470

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	14.9	12.6	19.0

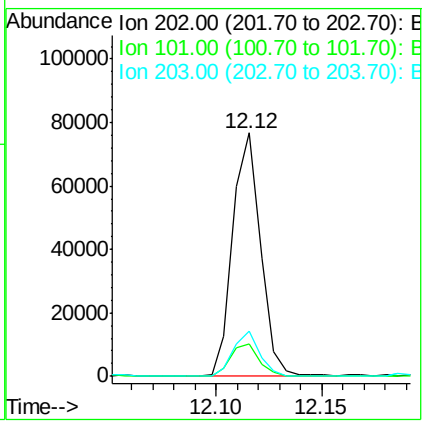




#74
Fluoranthene
Concen: 6.668 ng
RT: 12.12 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion:202 Resp: 70168

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.2
203	18.3	0.0	38.1



Instrument :
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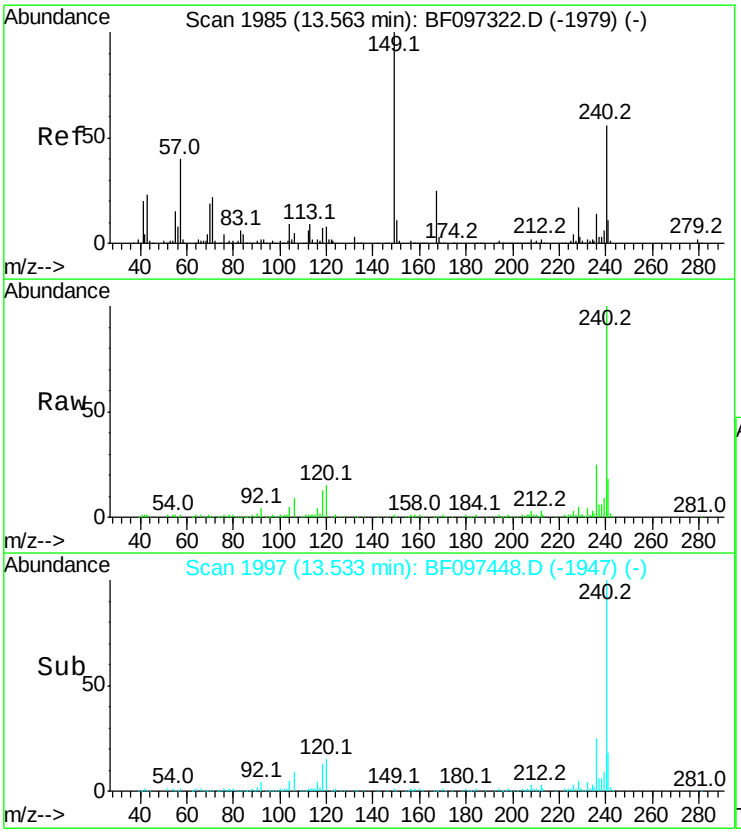
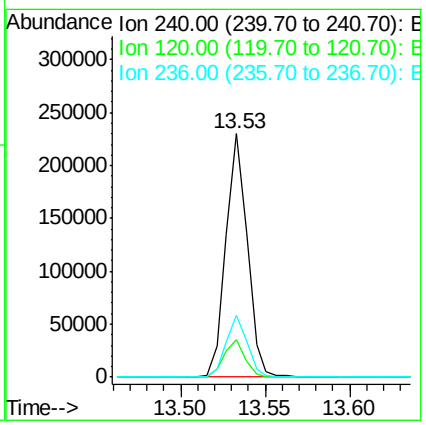
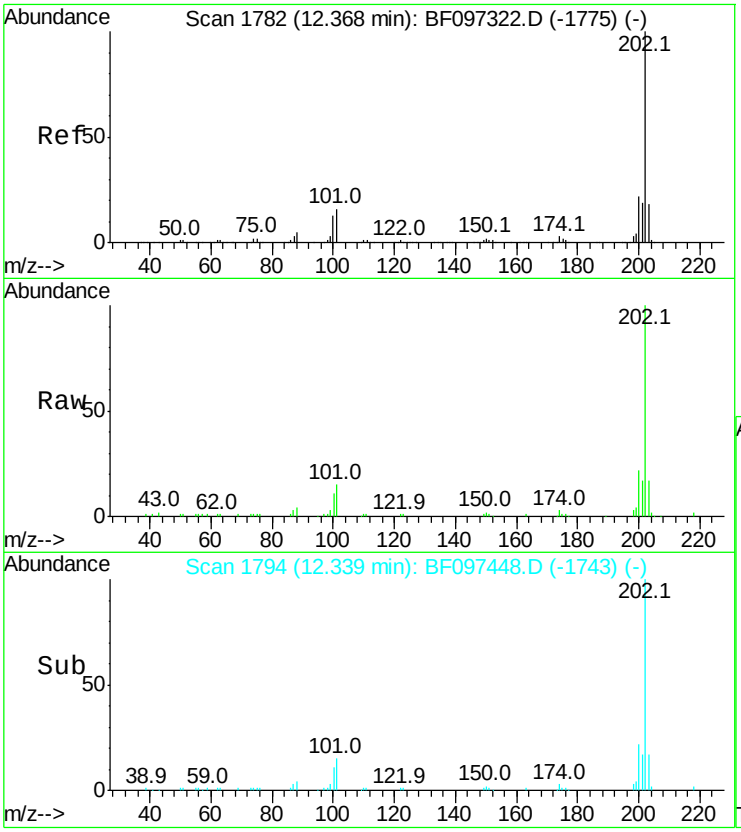


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion:240 Resp: 202910

Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	25.5	20.5	30.7

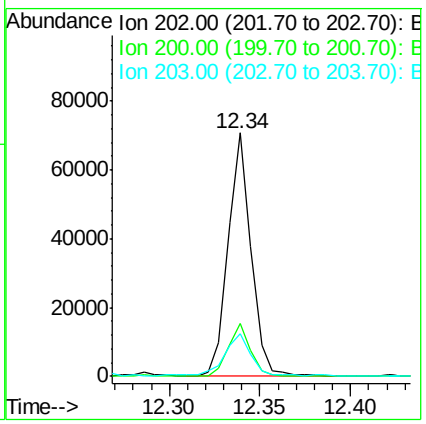




#77
Pyrene
Concen: 3.766 ng
RT: 12.34 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion:202 Resp: 62567

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.3	14.4	21.6



Instrument :
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ClientSampleId :
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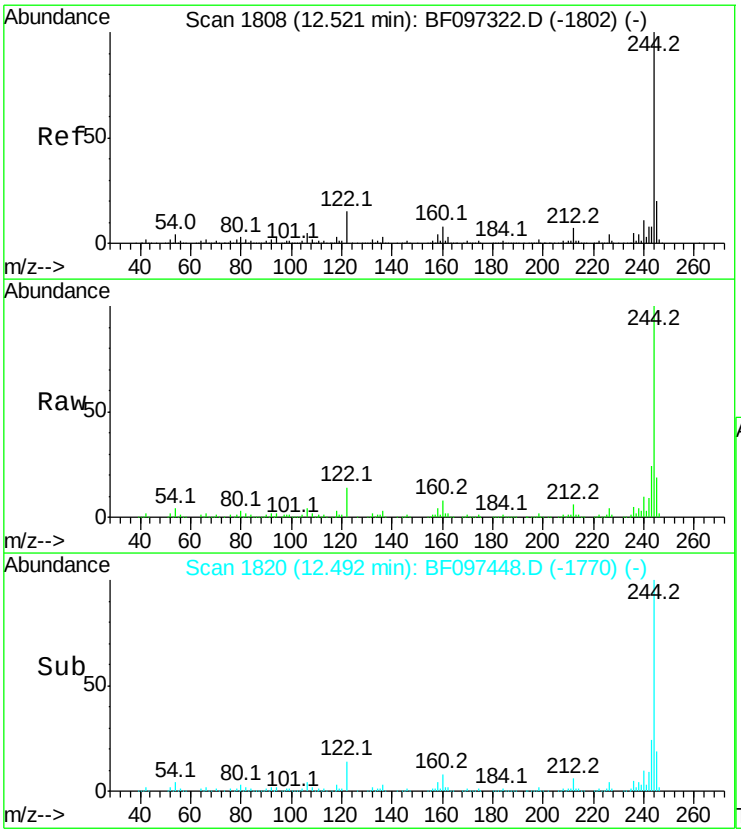
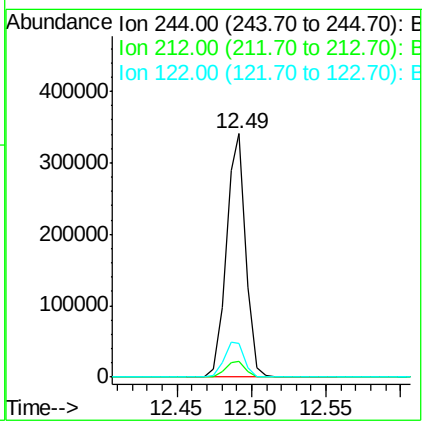
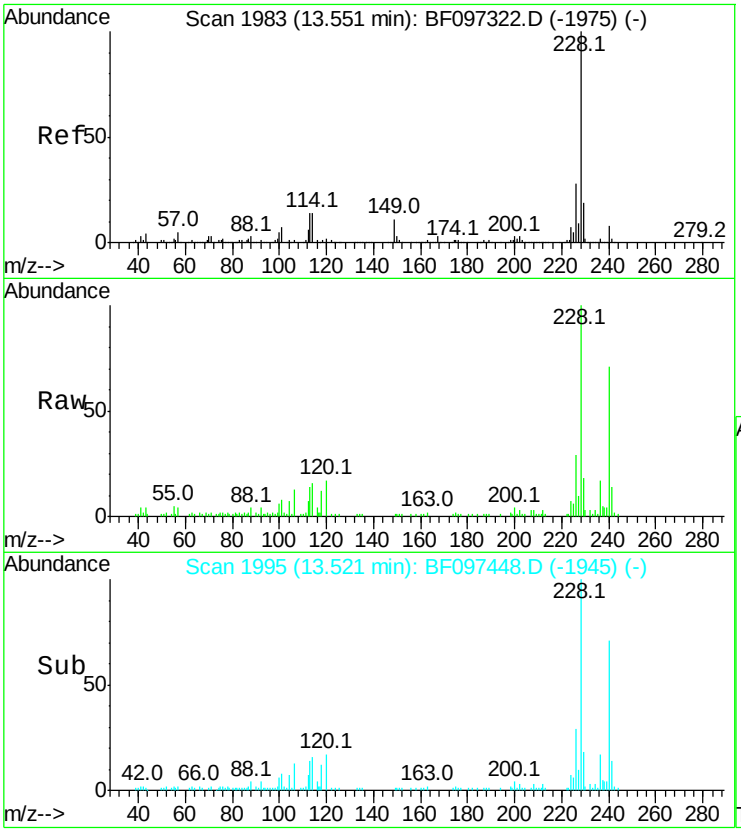


#78
Terphenyl-d14
Concen: 31.310 ng
RT: 12.49 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion:244 Resp: 311605

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	13.6	10.3	15.5





#80
Benzo(a)anthracene
Concen: 2.993 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion:228 Resp: 39298

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	18.2	16.3	24.5

Instrument :
BNA_F
ClientSampleId :
S1

Manual Integrations APPROVED
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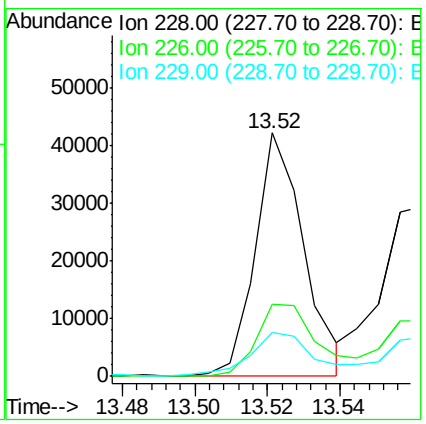
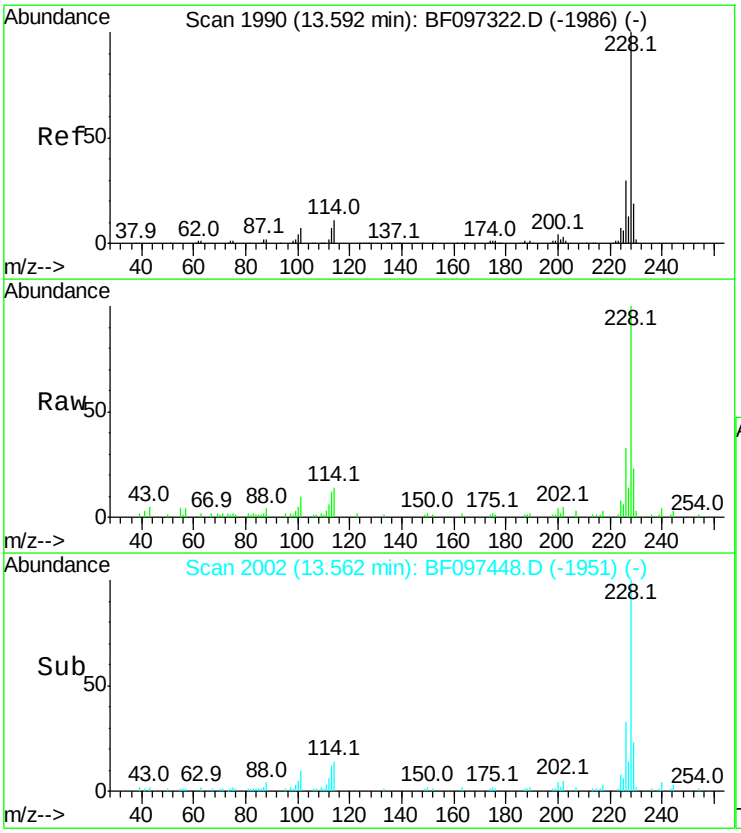
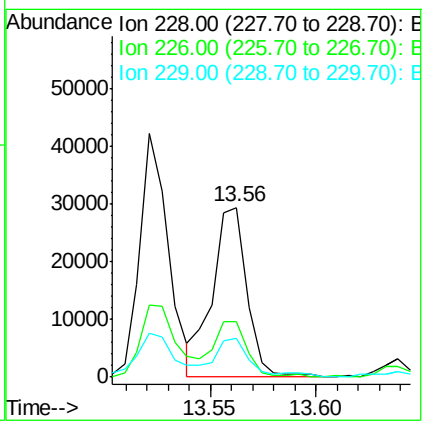


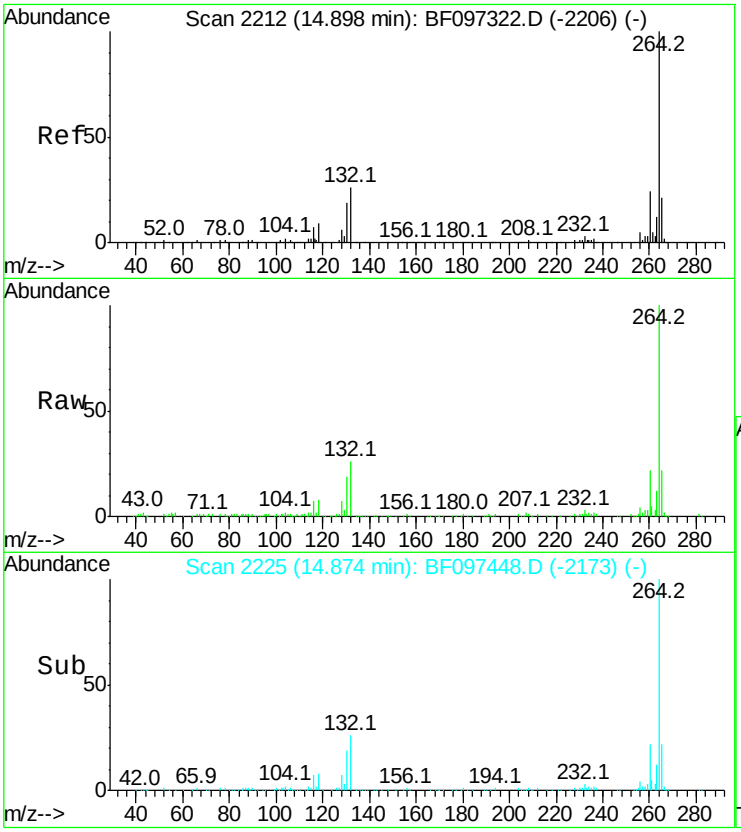


#82
Chrysene
Concen: 2.629 ng
RT: 13.56 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion:228 Resp: 33700

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	23.2	15.8	23.6

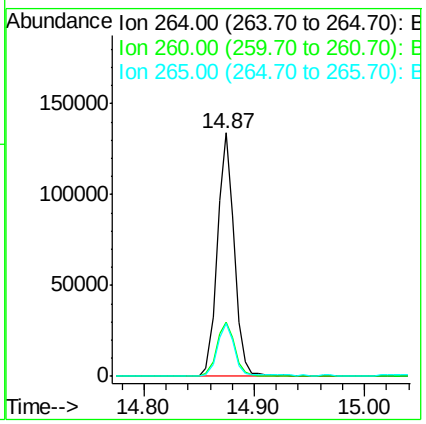




#86
Perylene-d12
Concen: 20.000 ng
RT: 14.87 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion:264 Resp: 141886

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	21.8	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
S1

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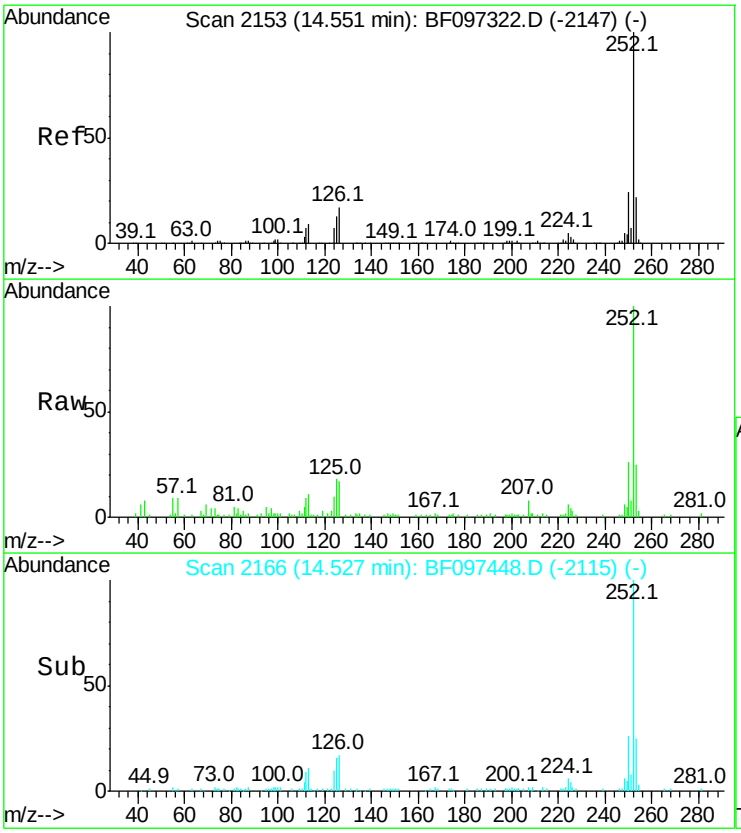
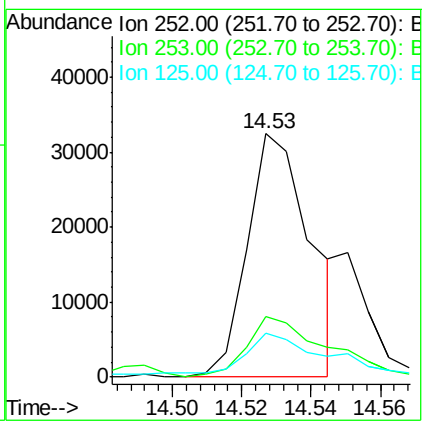
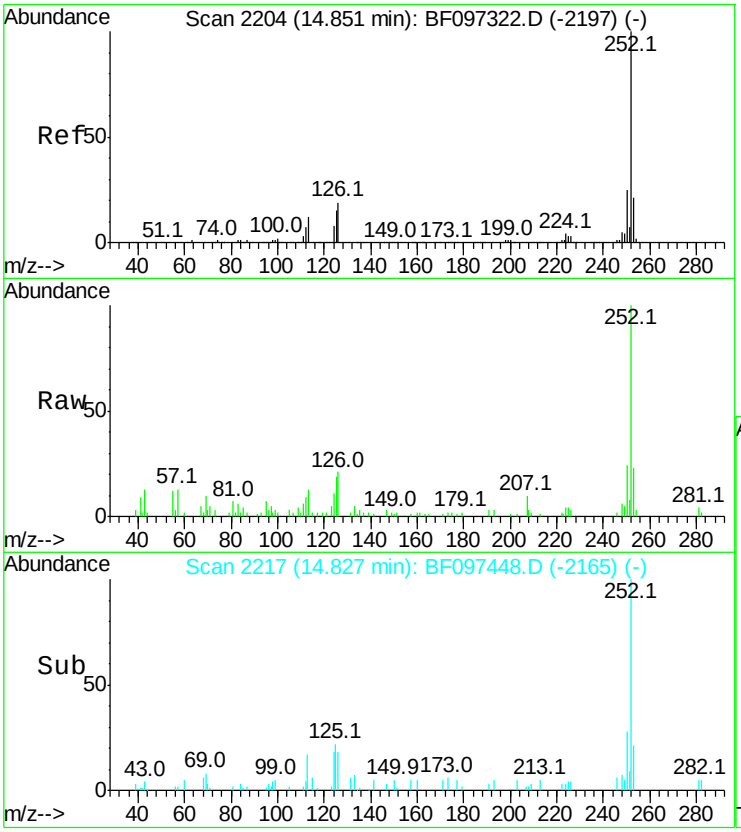


#87
Benzo(b)fluoranthene
Concen: 4.861 ng m
RT: 14.53 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion:252 Resp: 41459

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.1	27.1
125	17.8	9.8	14.8#





#89
Benzo(a)pyrene
Concen: 3.225 ng
RT: 14.83 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF097448.D
Acq: 8 Aug 2017 00:09

Tgt Ion:252 Resp: 25174

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	19.4	11.0	16.4#

Instrument :
BNA_F
ClientSampleId :
S1

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Sohil
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