Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087993.D
Acq On : 13 Jun 2016 20:05
Operator : UM/SJ
Sample : H3437-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S7-B1(0-12)C

Manual Integrations APPROVED
umangi
6/14/2016 7:48:52 PM

Quant Time: Jun 14 03:20:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	121320	20.00	ng		0.01
21) Naphthalene-d8	8.08	136	447129	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	205232	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	308303	20.00	ng		0.00
75) Chrysene-d12	13.95	240	256990	20.00	ng		0.00
86) Perylene-d12	15.37	264	196637	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	733894	103.41	ng		0.01
7) Phenol-d6	6.43	99	989838	115.09	ng		0.00
23) Nitrobenzene-d5	7.36	82	522844	68.28	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	156819	72.37	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	820644	61.27	ng		0.00
78) Terphenyl-d14	12.90	244	589091	52.16	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.55	163	151797	10.21	ng		99
70) Phenanthrene	11.34	178	66440	4.11	ng		99
74) Fluoranthene	12.54	202	154663	9.06	ng		97
77) Pyrene	12.75	202	139124	7.30	ng		99
80) Benzo(a)anthracene	13.94	228	100162	6.84	ng		99
82) Chrysene	13.98	228	70648	5.13	ng		97
85) Indeno(1,2,3-cd)pyrene	16.73	276	36073	2.82	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	102117m	7.45	ng		
88) Benzo(k)fluoranthene	14.98	252	27602m	2.67	ng		
89) Benzo(a)pyrene	15.30	252	62144	5.60	ng	#	87
91) Benzo(g,h,i)perylene	17.13	276	36497	3.45	ng	#	90

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

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Instrument :
BNA_F
ClientSampleId :
S7-B1(0-12)C

Manual Integrations APPROVED
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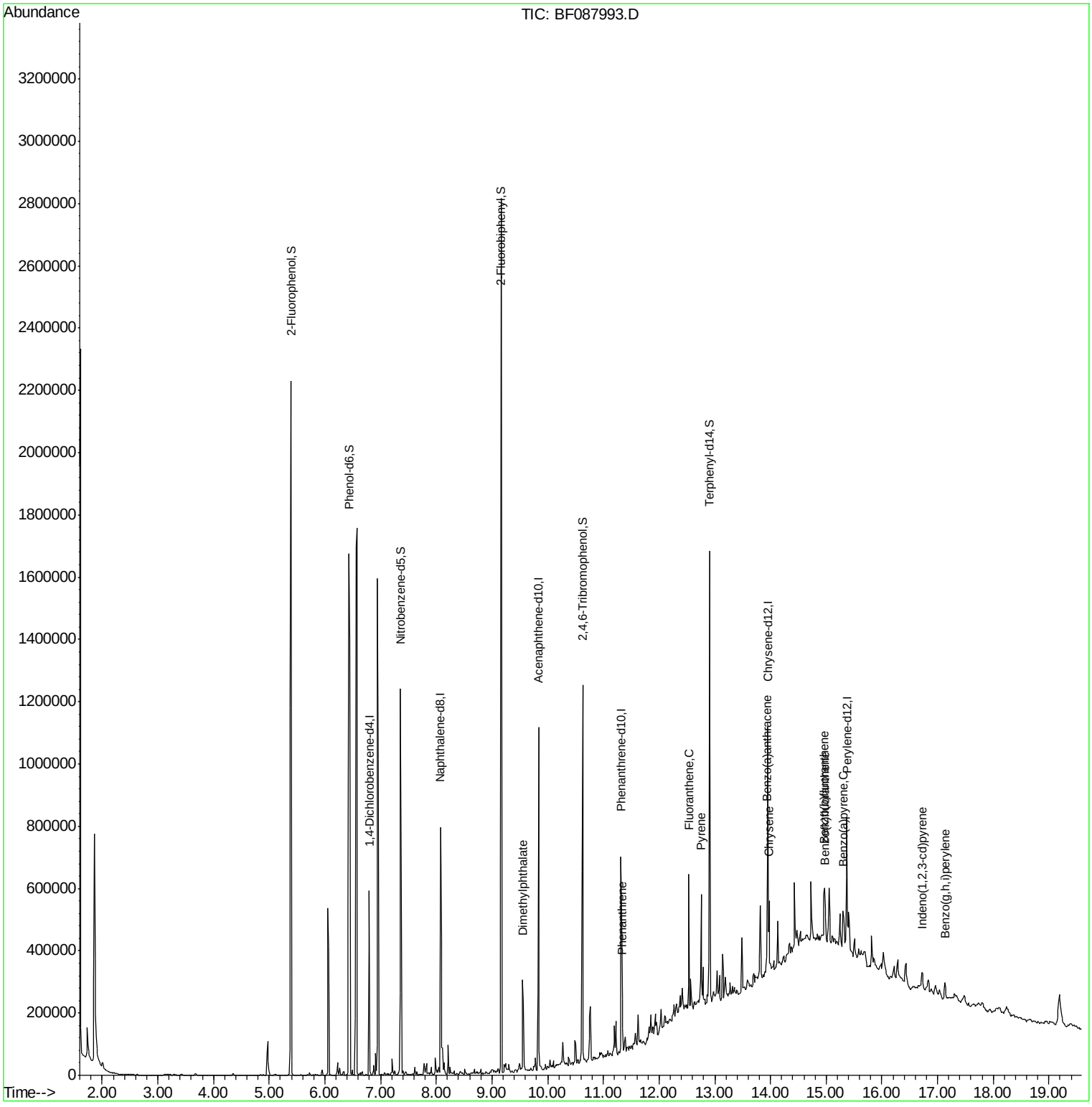
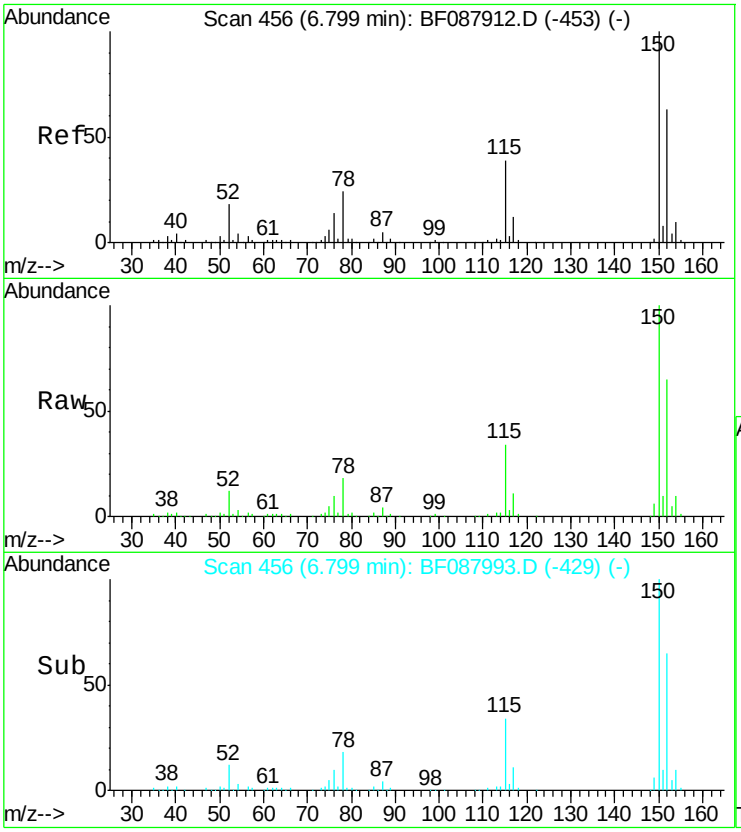
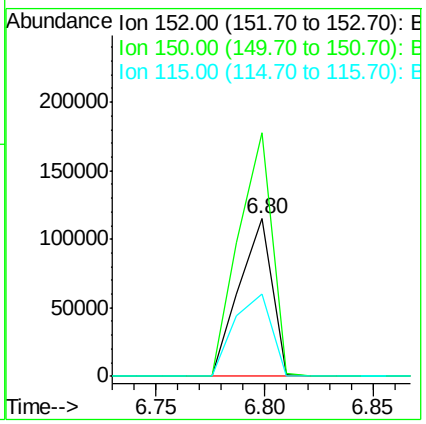




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:152 Resp: 121320

Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.8	185.6
115	52.4	39.6	59.4



Instrument :
BNA_F
ClientSampleId :
S7-B1(0-12)C

Manual Integrations APPROVED
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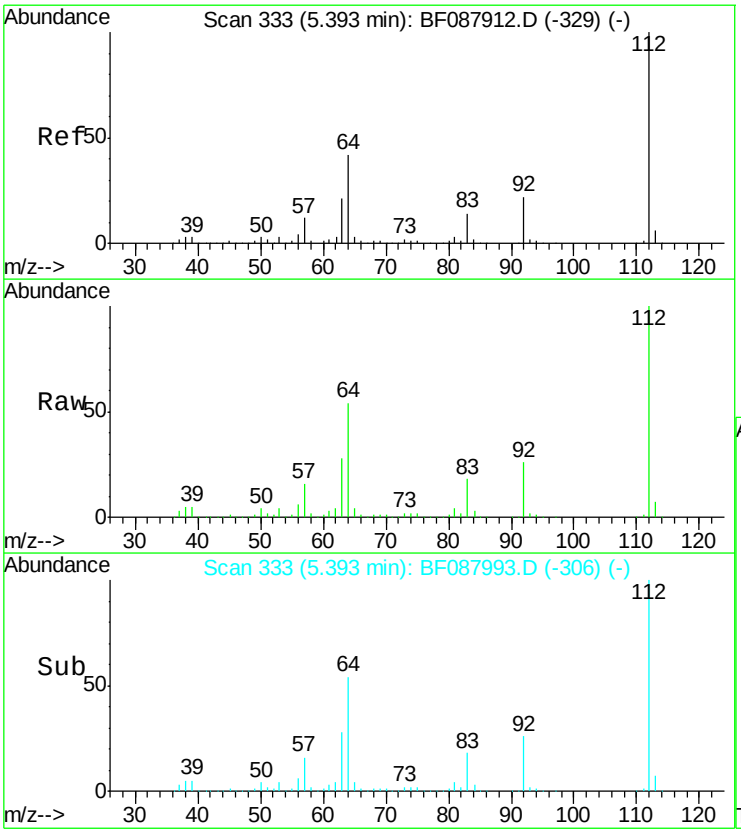
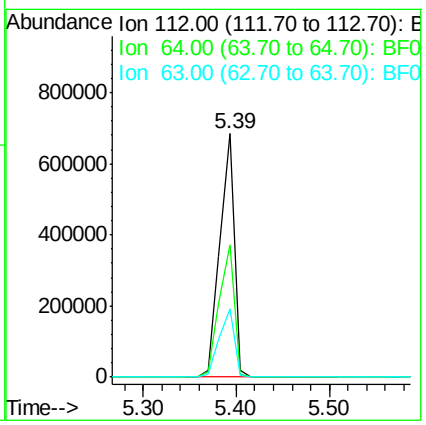
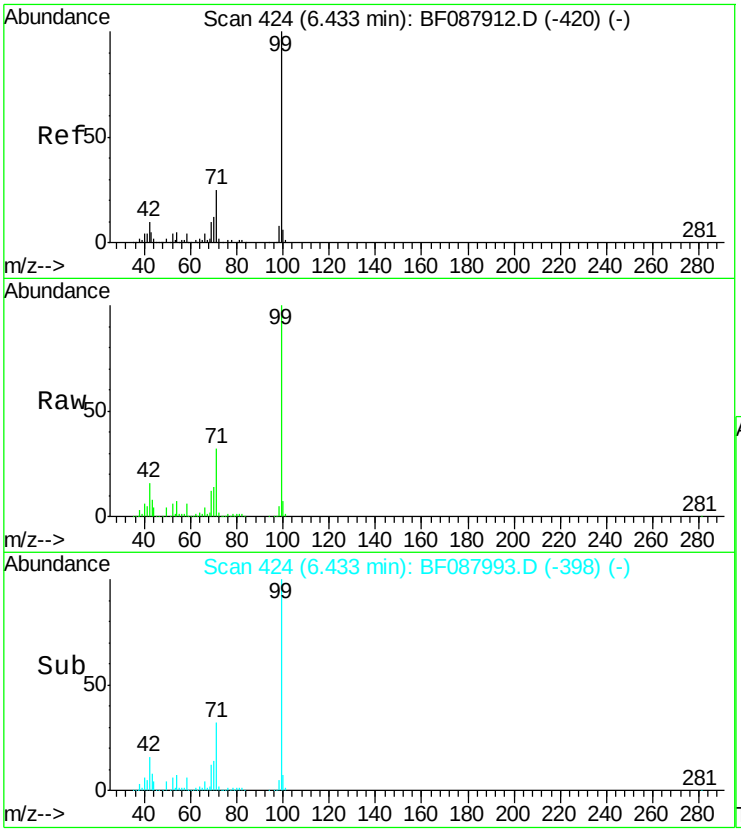


#5
2-Fluorophenol
Concen: 103.41 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.01 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:112 Resp: 733894

Ion	Ratio	Lower	Upper
112	100		
64	54.1	42.2	63.2
63	28.0	21.8	32.8

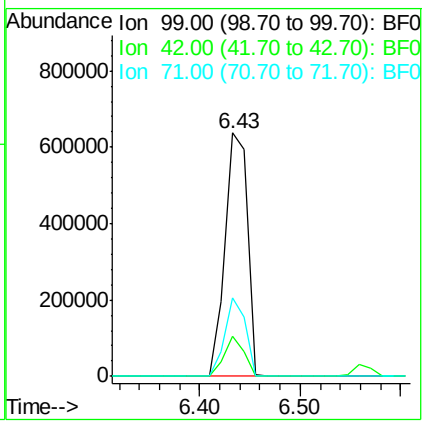




#7
Phenol-d6
Concen: 115.09 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion: 99 Resp: 989838

Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.2	18.2
71	32.2	23.4	35.0



Instrument :
BNA_F
ClientSampleId :
S7-B1(0-12)C

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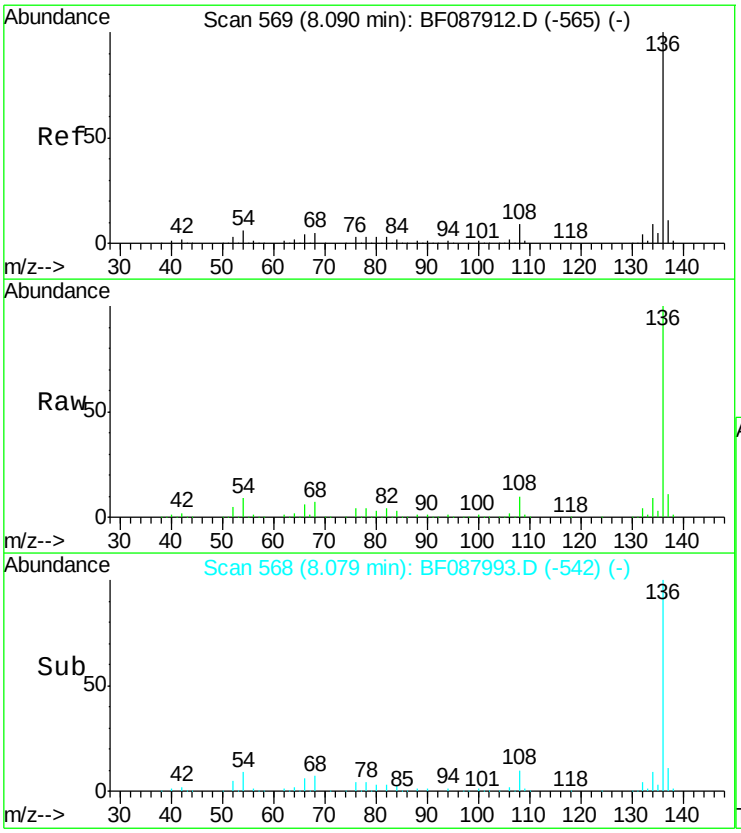
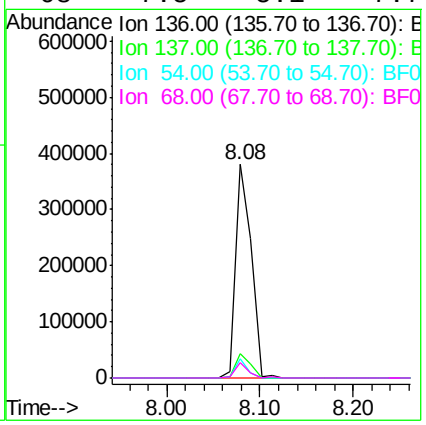
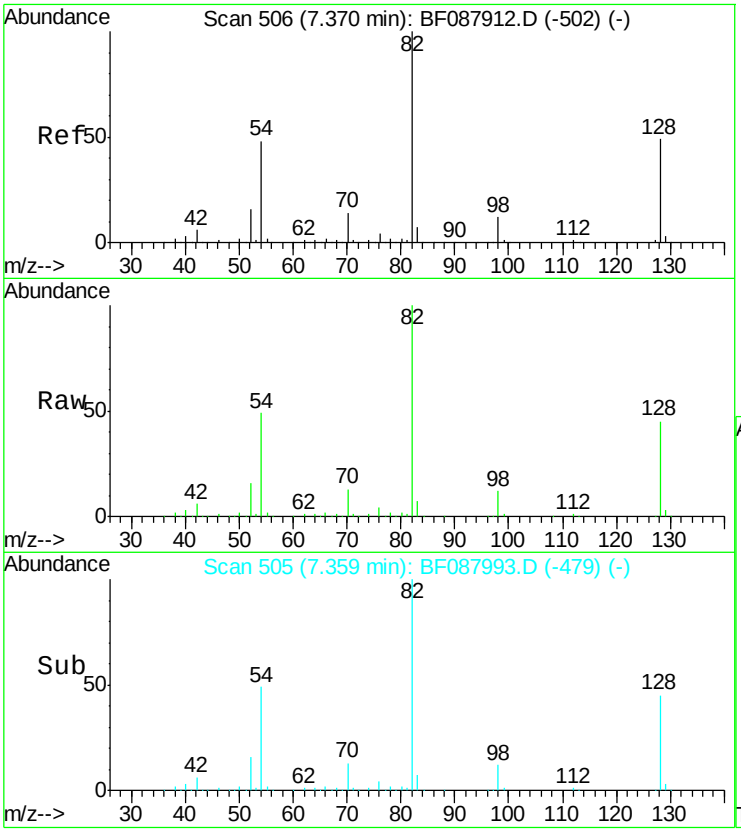


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:136 Resp: 447129

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.3	6.6	10.0
68	7.5	5.1	7.7

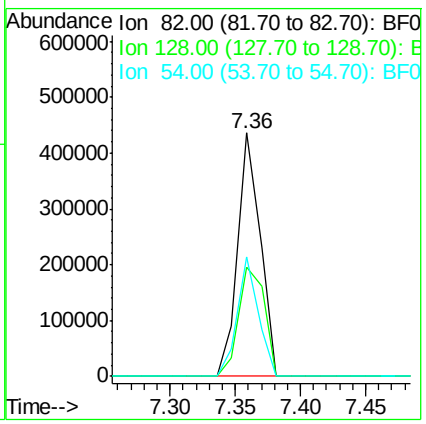




#23
Nitrobenzene-d5
Concen: 68.28 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion: 82 Resp: 522844

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.9	53.9
54	48.9	40.9	61.3



Instrument :
BNA_F
ClientSampleId :
S7-B1(0-12)C

Manual Integrations APPROVED
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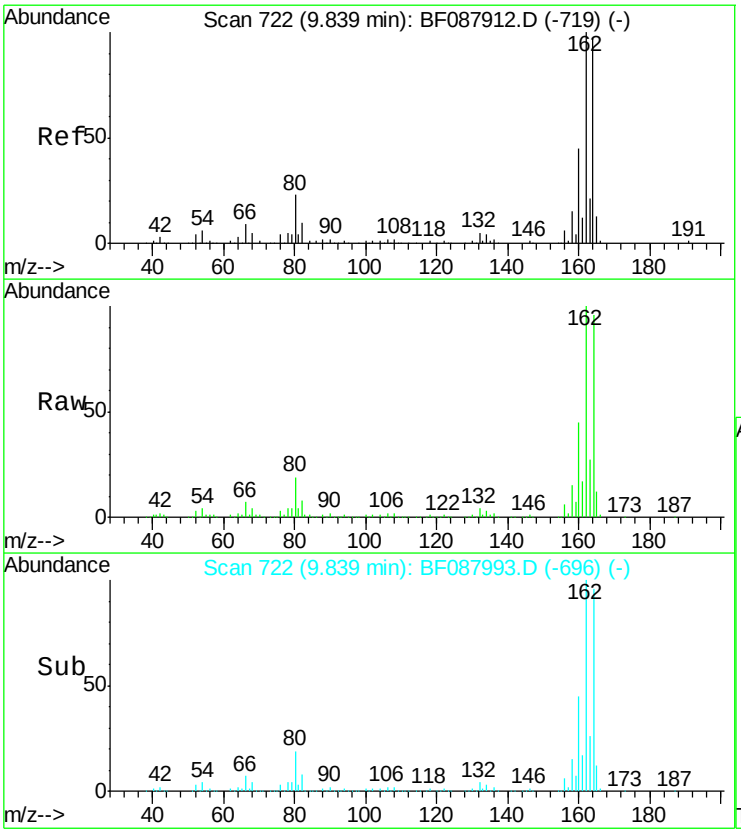
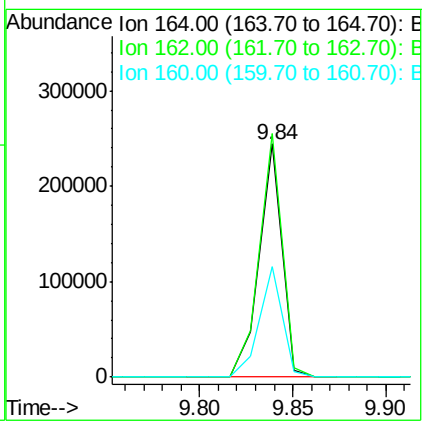
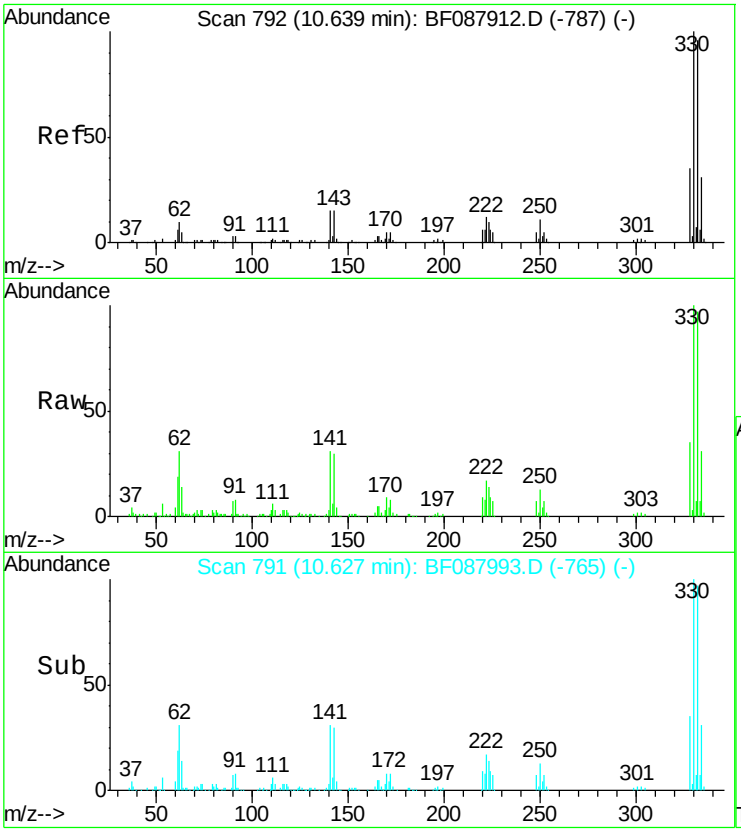


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:164 Resp: 205232

Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.4	128.2
160	47.2	39.5	59.3

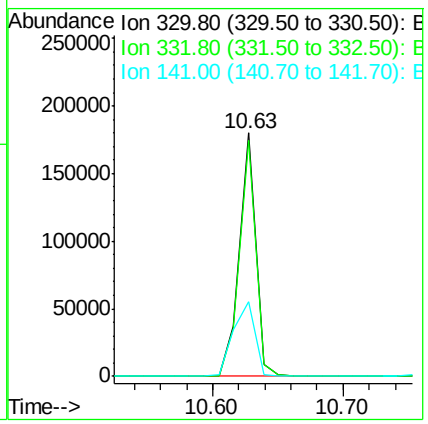




#41
2,4,6-Tribromophenol
Concen: 72.37 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:330 Resp: 156819

Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	42.0	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
S7-B1(0-12)C

Manual Integrations APPROVED
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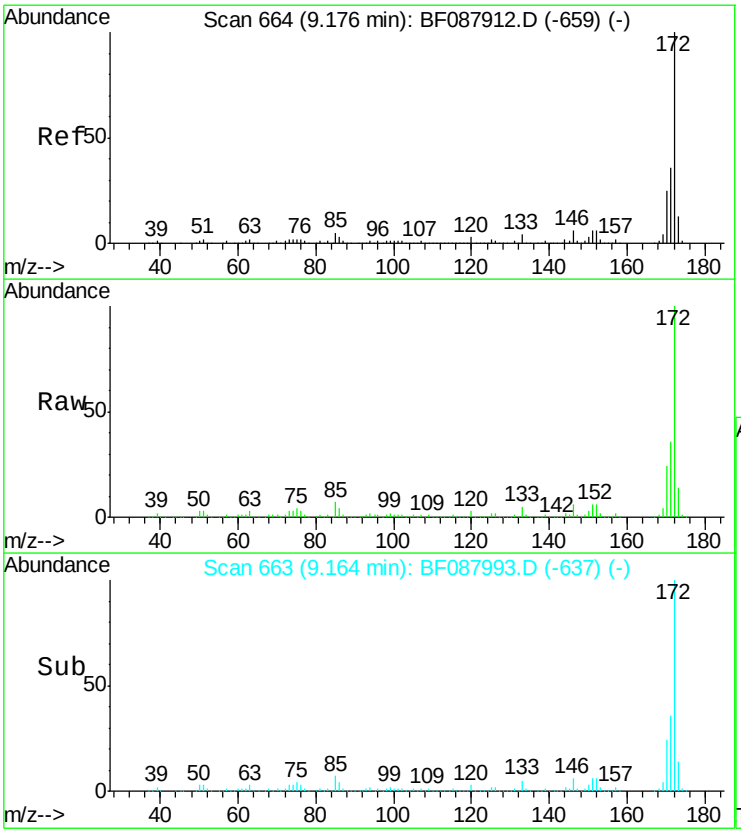
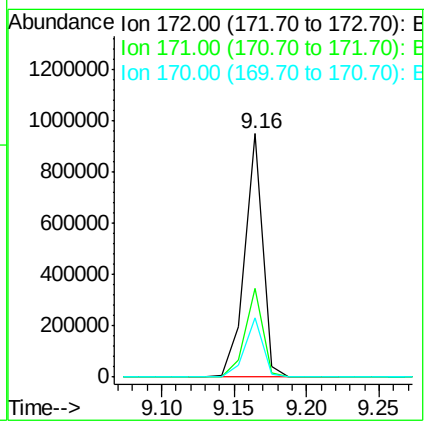
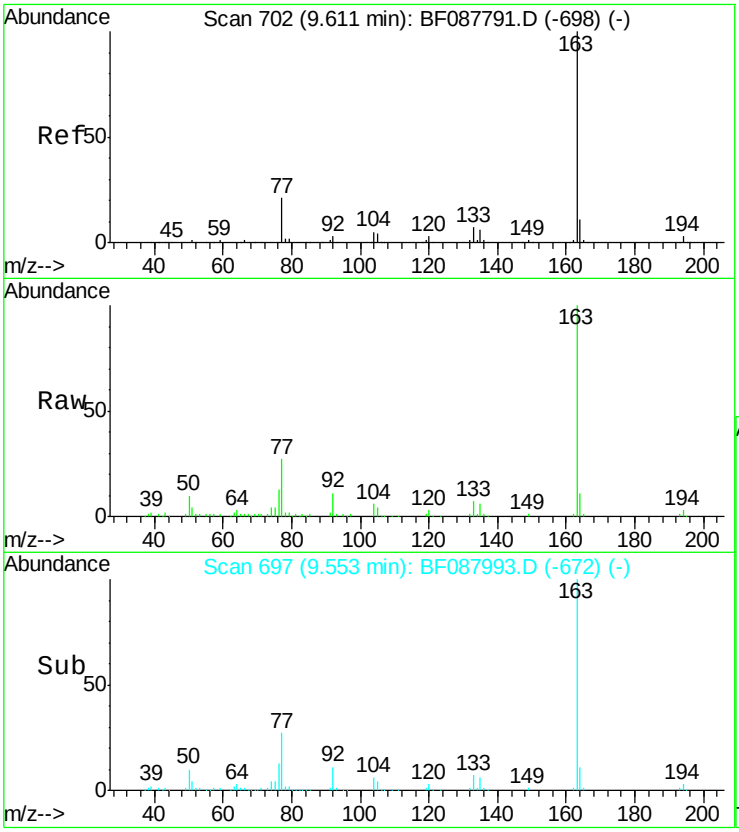


#44
2-Fluorobiphenyl
Concen: 61.27 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:172 Resp: 820644

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.3	19.2	28.8

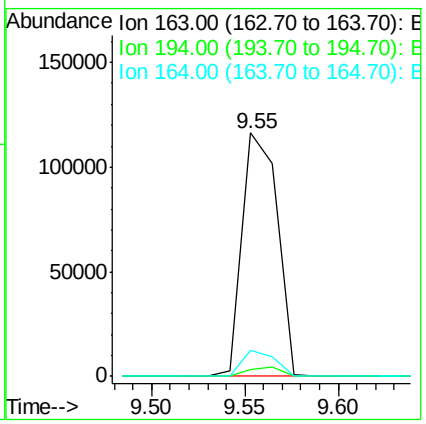




#49
Dimethylphthalate
Concen: 10.21 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:163 Resp: 151797

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.8	4.2
164	10.7	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
S7-B1(0-12)C

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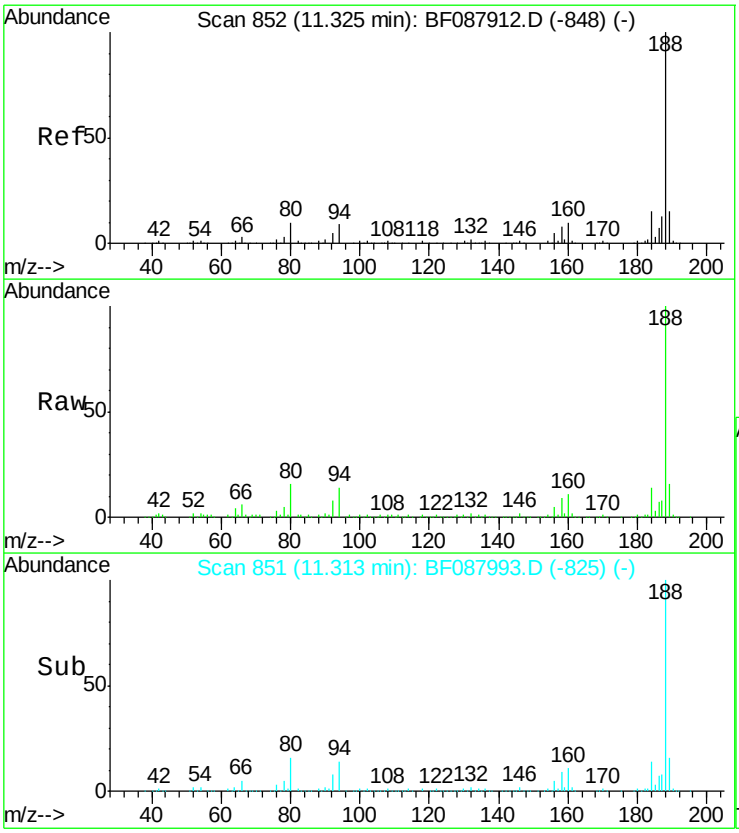
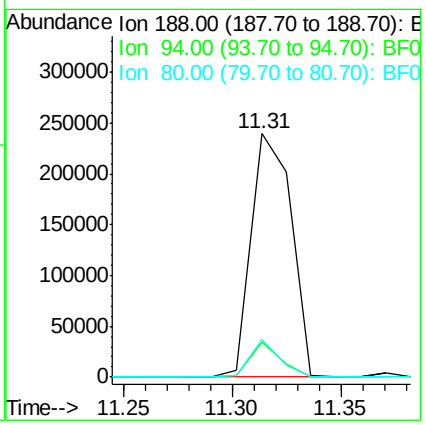
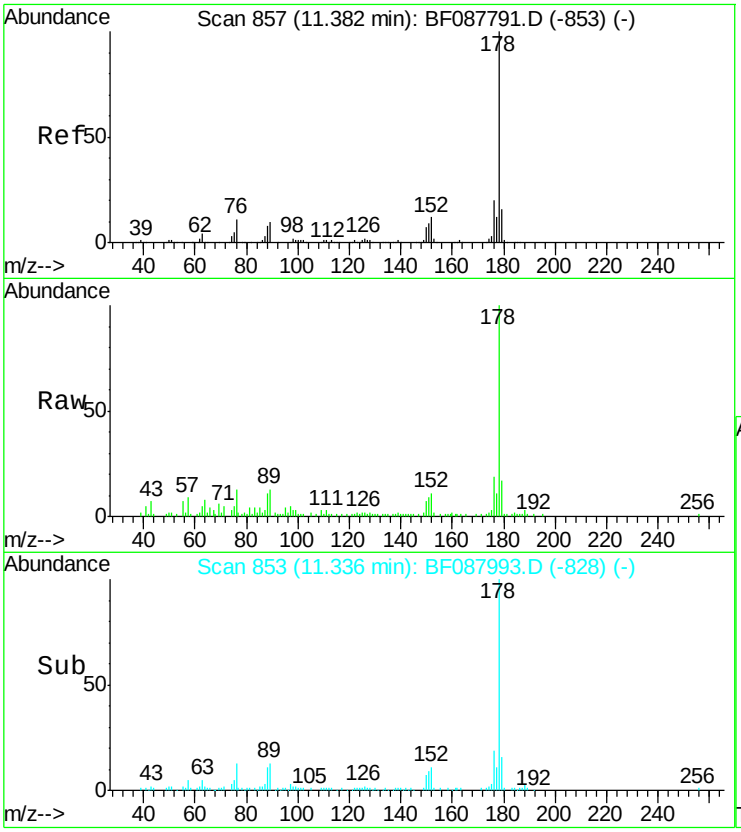


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:188 Resp: 308303

Ion	Ratio	Lower	Upper
188	100		
94	14.5	9.0	13.6#
80	15.6	10.0	15.0#

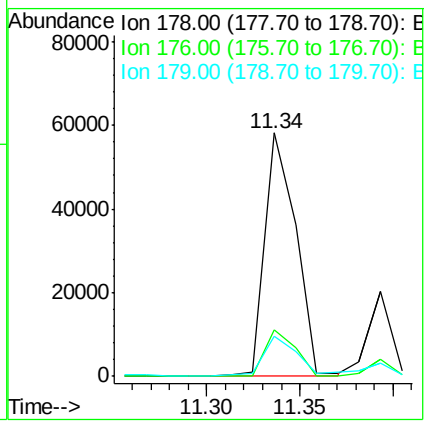




#70
Phenanthrene
Concen: 4.11 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:178 Resp: 66440

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	16.7	13.0	19.4



Instrument :
BNA_F
ClientSampleId :
S7-B1(0-12)C

Manual Integrations APPROVED
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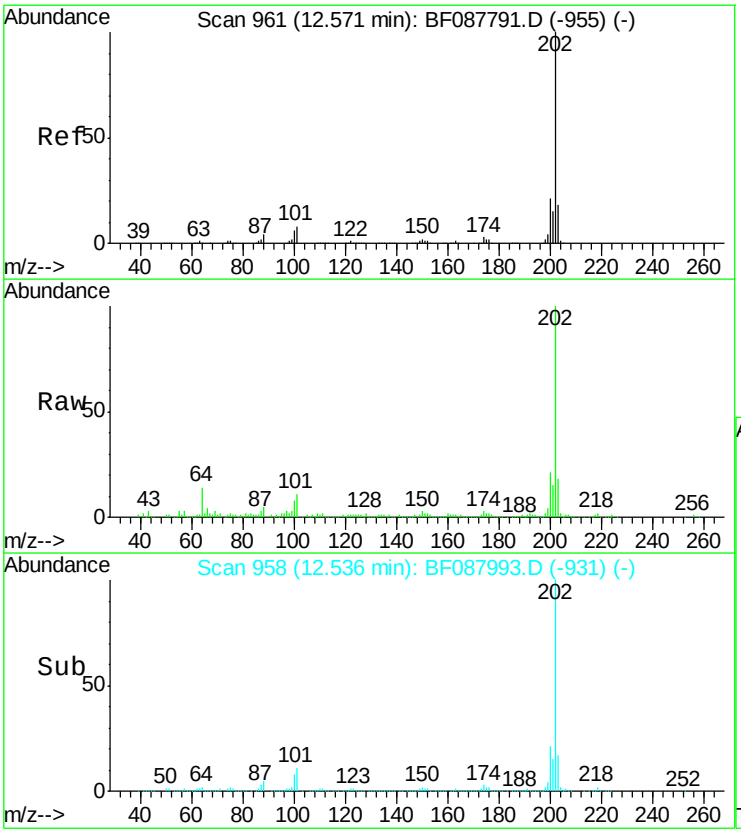
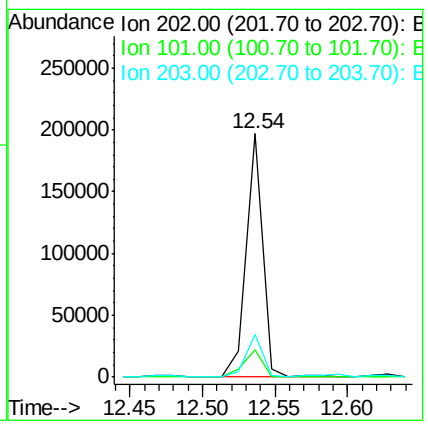
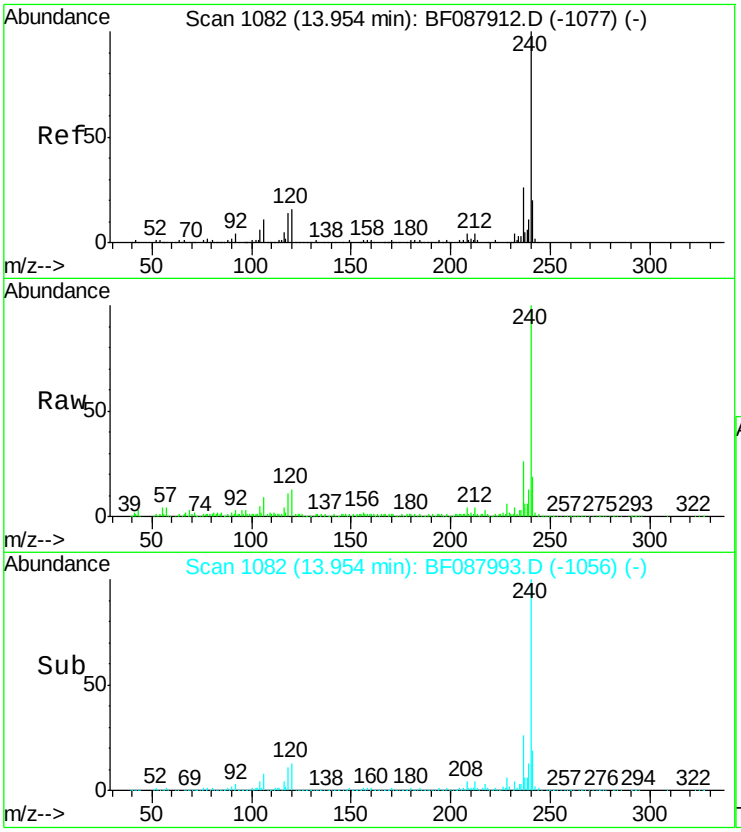


#74
Fluoranthene
Concen: 9.06 ng
RT: 12.54 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:202 Resp: 154663

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	33.1
203	17.5	0.0	38.1

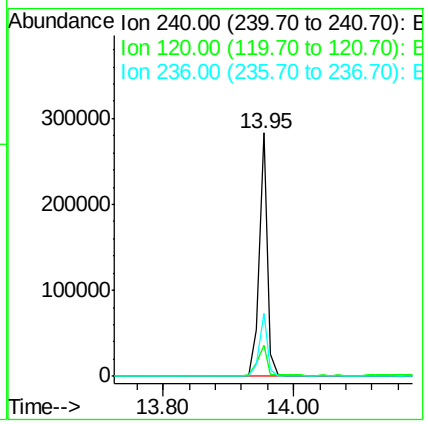




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:240 Resp: 256990

Ion	Ratio	Lower	Upper
240	100		
120	13.0	6.8	10.2#
236	25.9	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
S7-B1(0-12)C

Manual Integrations APPROVED
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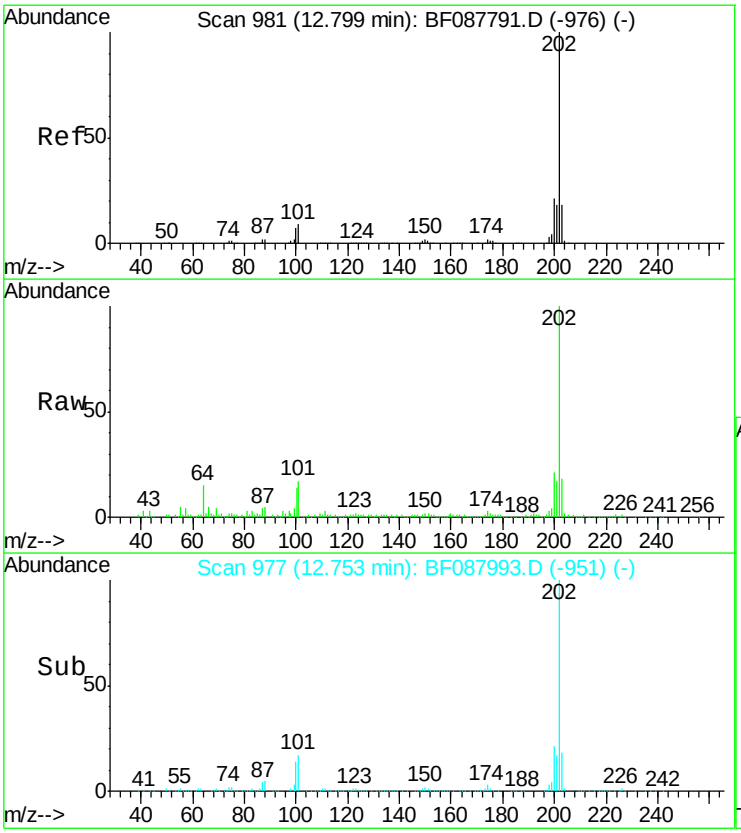
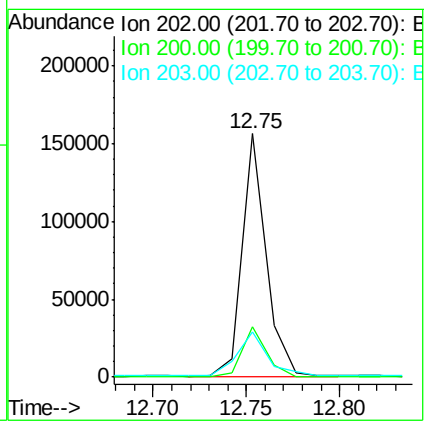
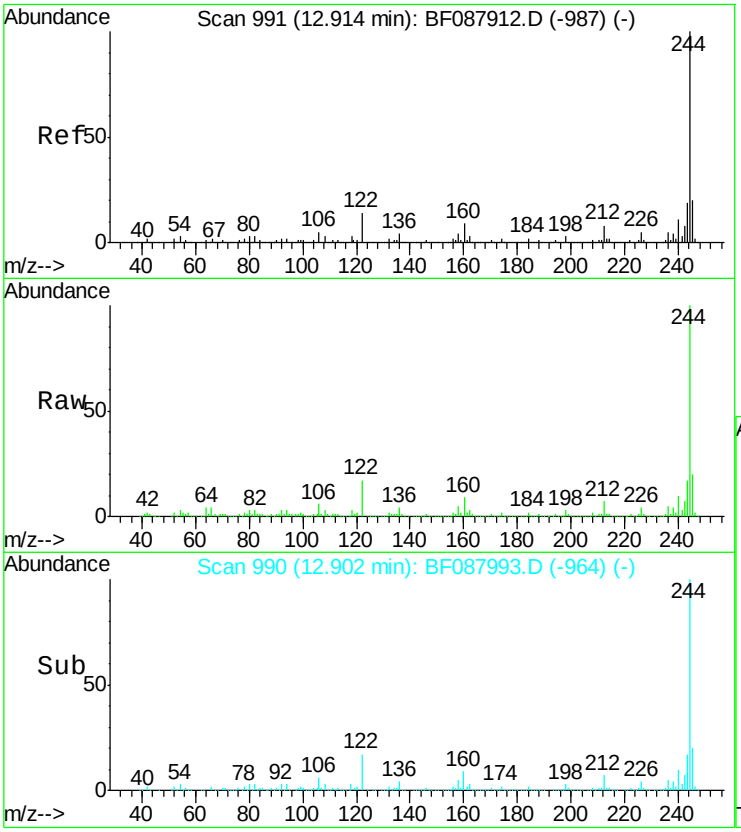


#77
Pyrene
Concen: 7.30 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:202 Resp: 139124

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	18.4	14.5	21.7

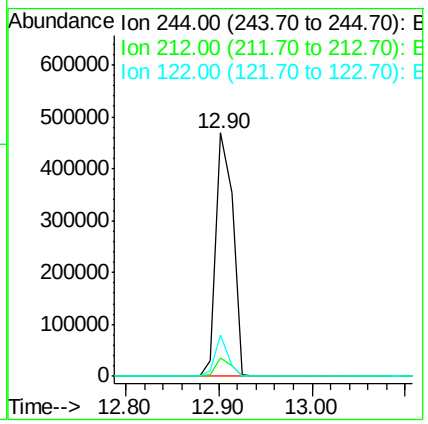




#78
Terphenyl-d14
Concen: 52.16 ng
RT: 12.90 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:244 Resp: 589091

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	17.1	11.2	16.8#



Instrument :
BNA_F
ClientSampleId :
S7-B1(0-12)C

Manual Integrations APPROVED
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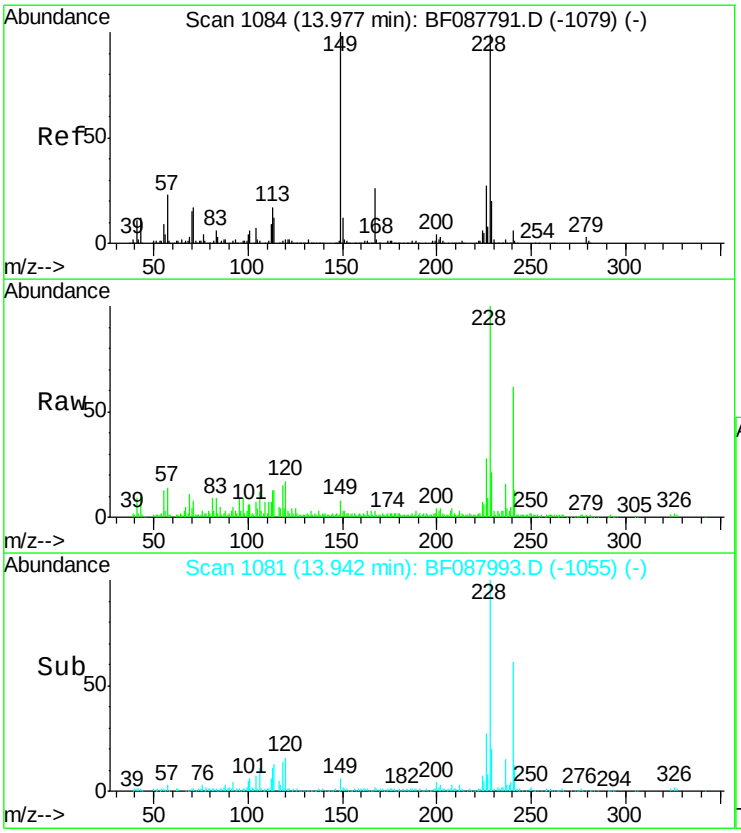
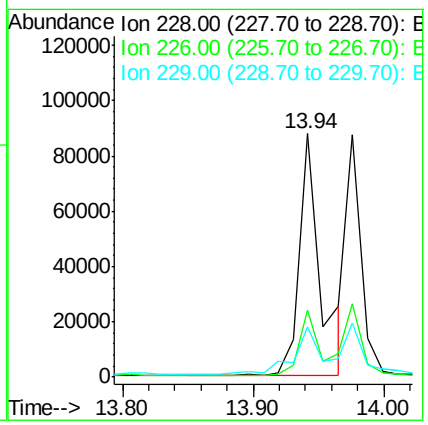
6/14/2016 7:48:52 PM

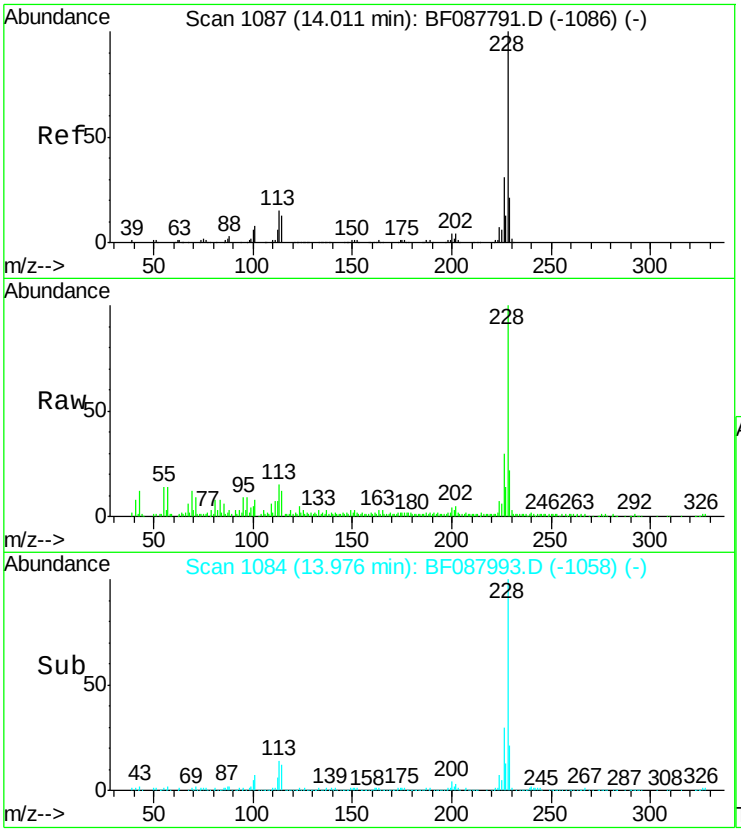


#80
Benzo(a)anthracene
Concen: 6.84 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:228 Resp: 100162

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	20.9	16.0	24.0

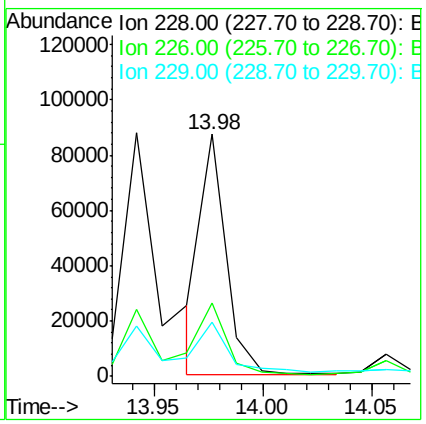




#82
Chrysene
Concen: 5.13 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:228 Resp: 70648

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.2
229	22.2	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
S7-B1(0-12)C

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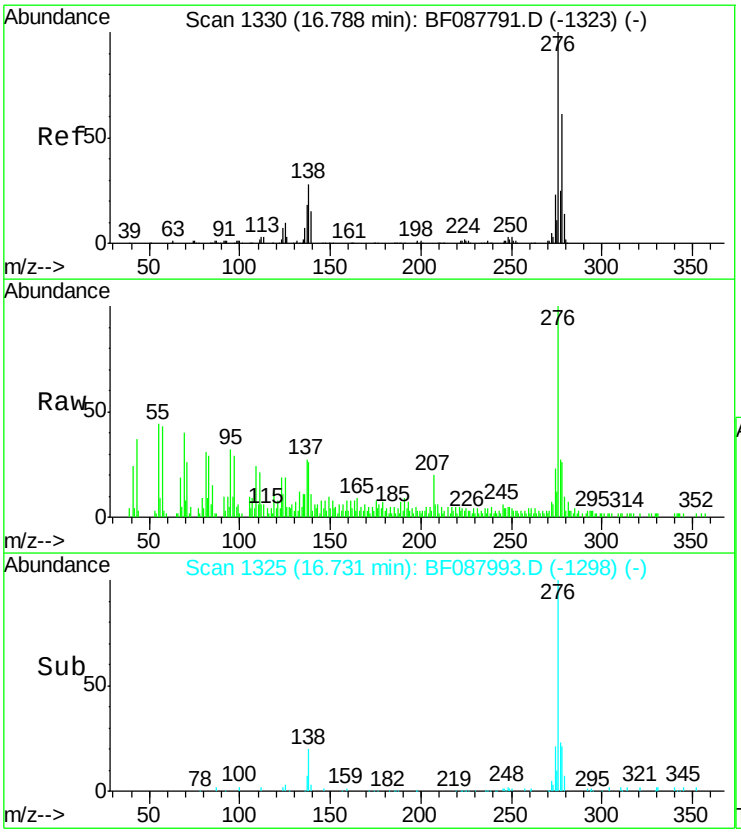
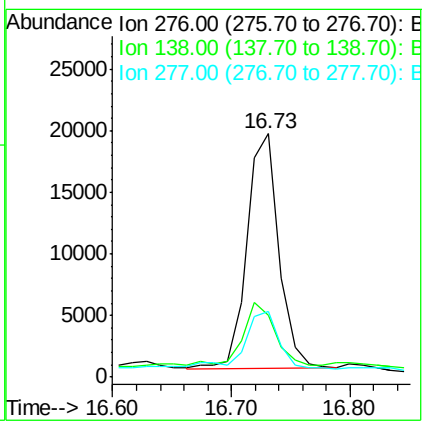
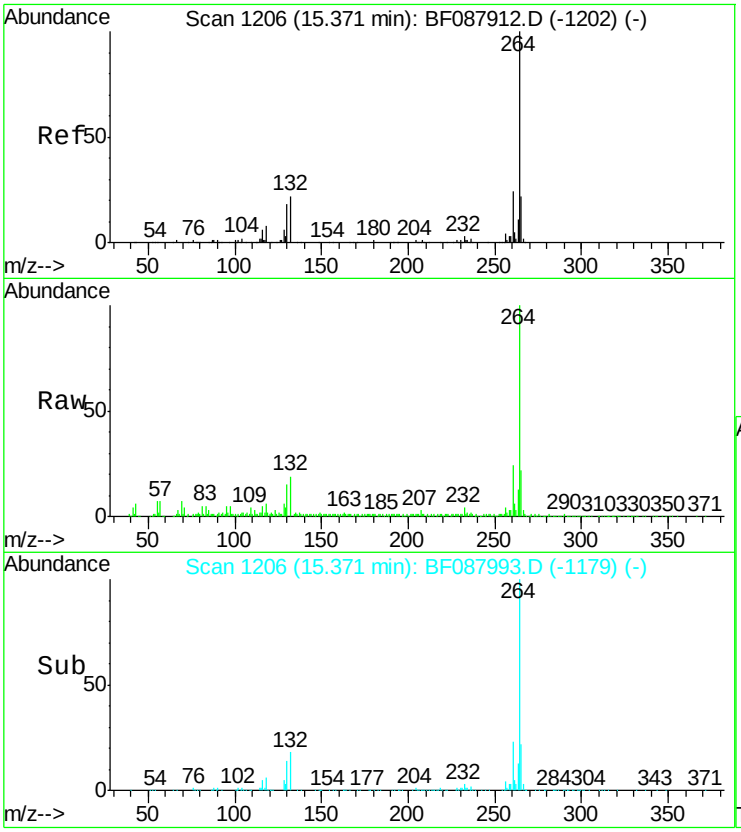


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.82 ng
RT: 16.73 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:276 Resp: 36073

Ion	Ratio	Lower	Upper
276	100		
138	29.4	0.0	0.0#
277	28.2	0.0	0.0#

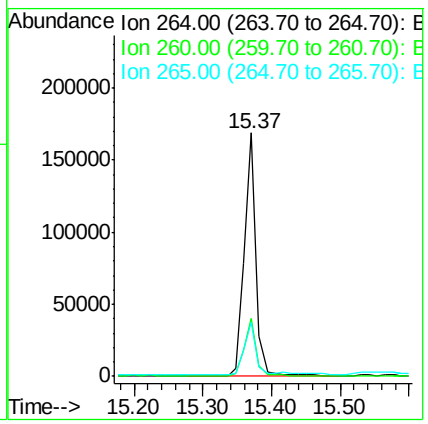




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:264 Resp: 196637

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.4	16.9	25.3



Instrument :
BNA_F
ClientSampleId :
S7-B1(0-12)C

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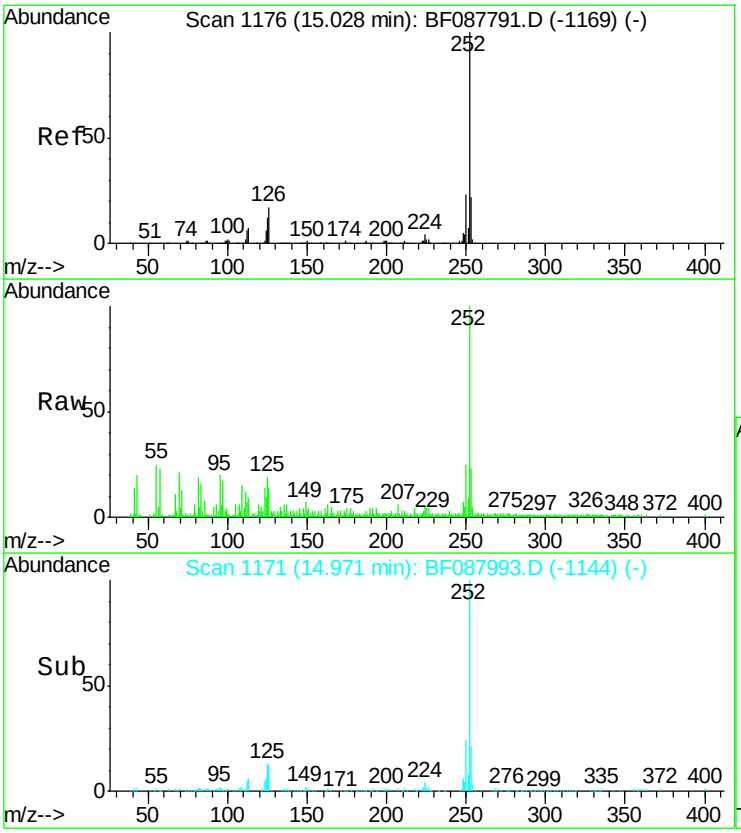
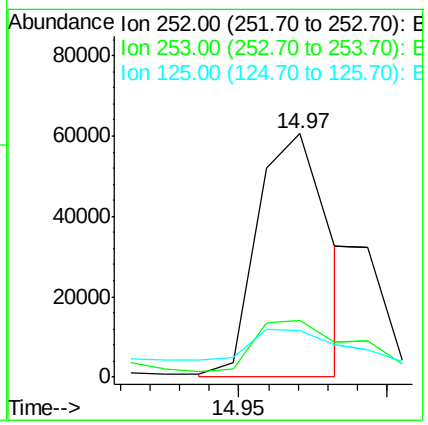
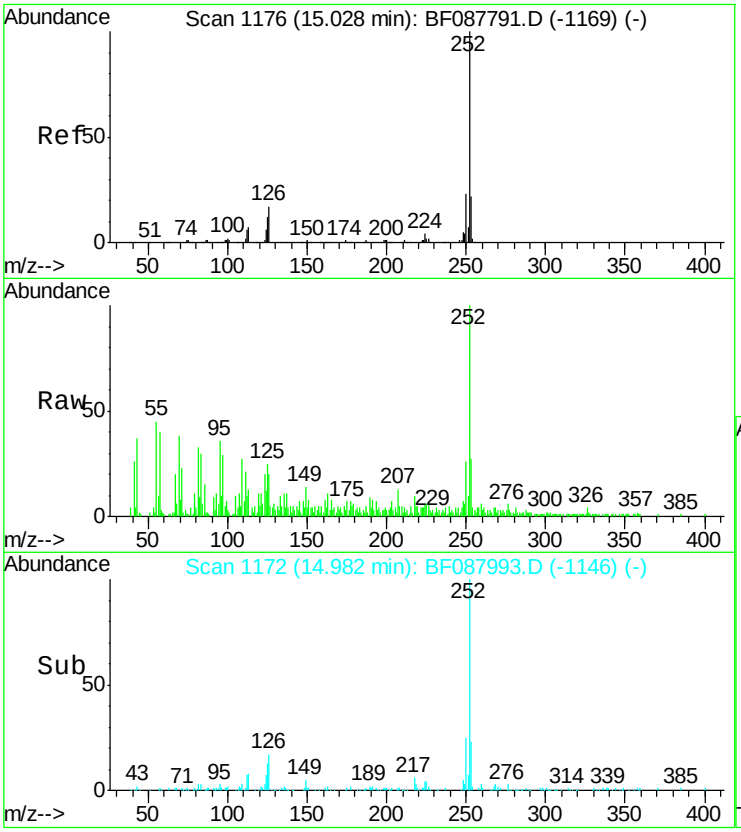


#87
Benzo(b)fluoranthene
Concen: 7.45 ng m
RT: 14.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:252 Resp: 102117

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	19.2	7.1	10.7#





#88
Benzo(k)fluoranthene
Concen: 2.67 ng m
RT: 14.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:252 Resp: 27602

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.0	27.0
125	24.5	11.2	16.8#

Instrument :
BNA_F
ClientSampleId :
S7-B1(0-12)C

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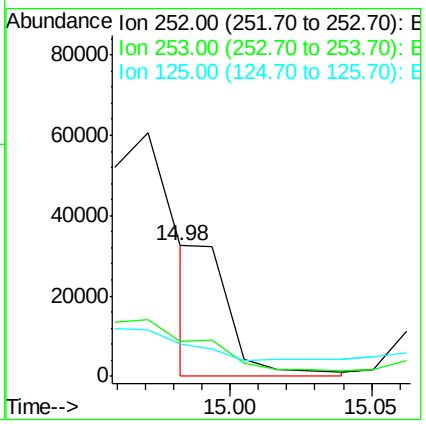
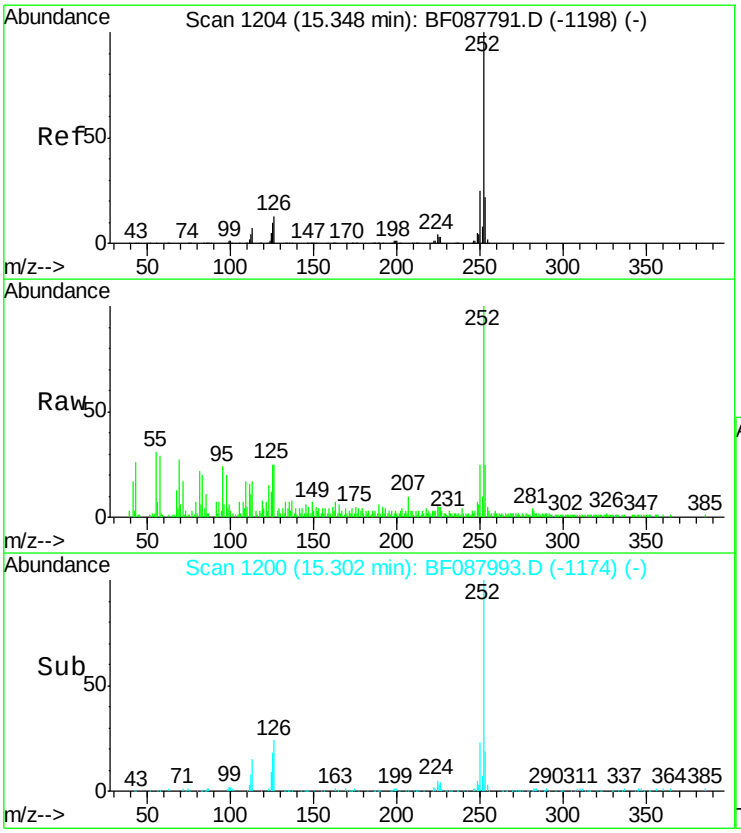
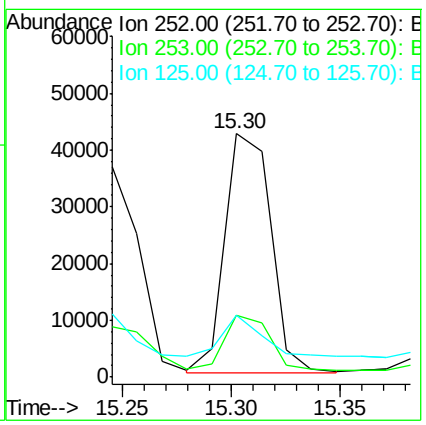


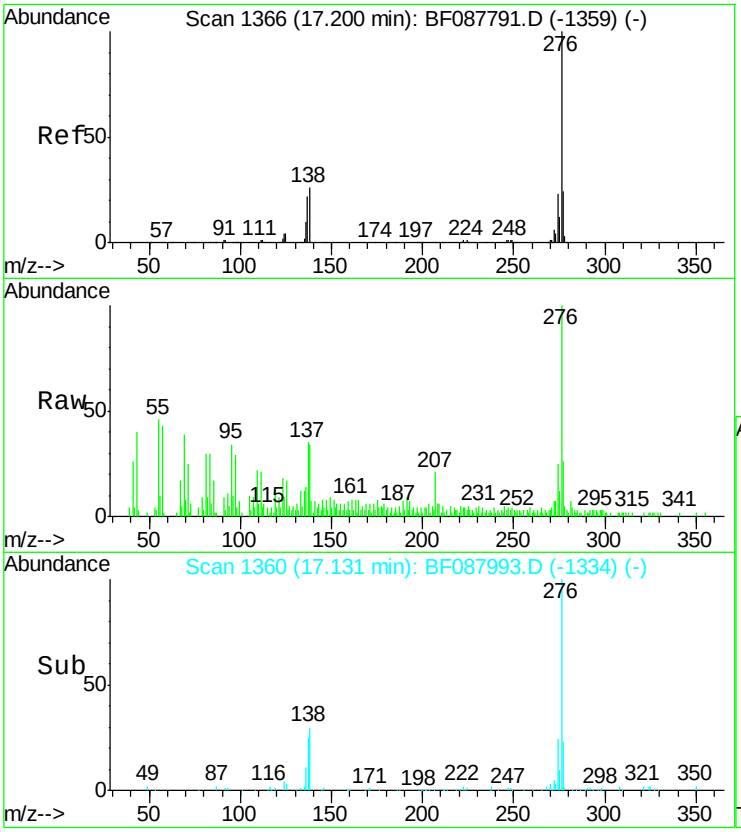


#89
Benzo(a)pyrene
Concen: 5.60 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:252 Resp: 62144

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	25.4	12.5	18.7#

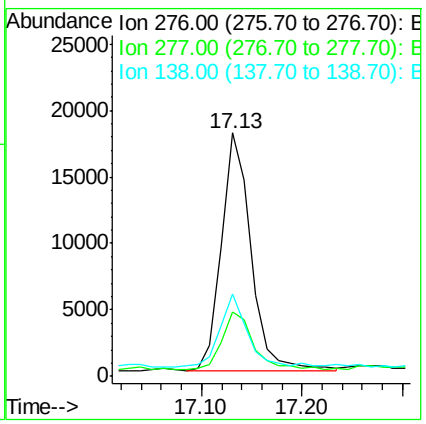




#91
Benzo(g,h,i)perylene
Concen: 3.45 ng
RT: 17.13 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF087993.D
Acq: 13 Jun 2016 20:05

Tgt Ion:276 Resp: 36497

Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.9	28.3
138	33.6	21.4	32.2#



Instrument :
BNA_F
ClientSampleId :
S7-B1(0-12)C

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