Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090688.D
Acq On : 20 Oct 2016 17:59
Operator : UM/SJ
Sample : H5318-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FD-2

Manual Integrations APPROVED
sohil
10/21/2016 6:58:48 PM

Quant Time: Oct 21 09:19:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 19:19:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	178246	20.00	ng	-0.03
21) Naphthalene-d8	8.17	136	753911	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	327304	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	455903	20.00	ng	-0.03
75) Chrysene-d12	14.06	240	482553	20.00	ng	-0.02
86) Perylene-d12	15.52	264	378338	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	199593	20.53	ng	-0.03
7) Phenol-d6	6.51	99	281942	19.51	ng	-0.03
23) Nitrobenzene-d5	7.43	82	167925	12.37	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	37039	12.69	ng	-0.03
44) 2-Fluorobiphenyl	9.24	172	235921	11.88	ng	-0.03
78) Terphenyl-d14	13.00	244	189424	9.14	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	61243	2.88	ng	# 94
70) Phenanthrene	11.43	178	281610	11.57	ng	# 93
73) Di-n-butylphthalate	11.98	149	117215	4.27	ng	# 85
74) Fluoranthene	12.63	202	227748	9.30	ng	91
77) Pyrene	12.86	202	360426	11.28	ng	97
82) Chrysene	14.09	228	77536m	2.93	ng	
83) Bis(2-ethylhexyl)phthalate	14.04	149	68101	3.56	ng	# 98
87) Benzo(b)fluoranthene	15.09	252	58157m	2.35	ng	

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

Quantitation Report (QT/LSC Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 19:19:58 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
FD-2

Manual Integrations APPROVED
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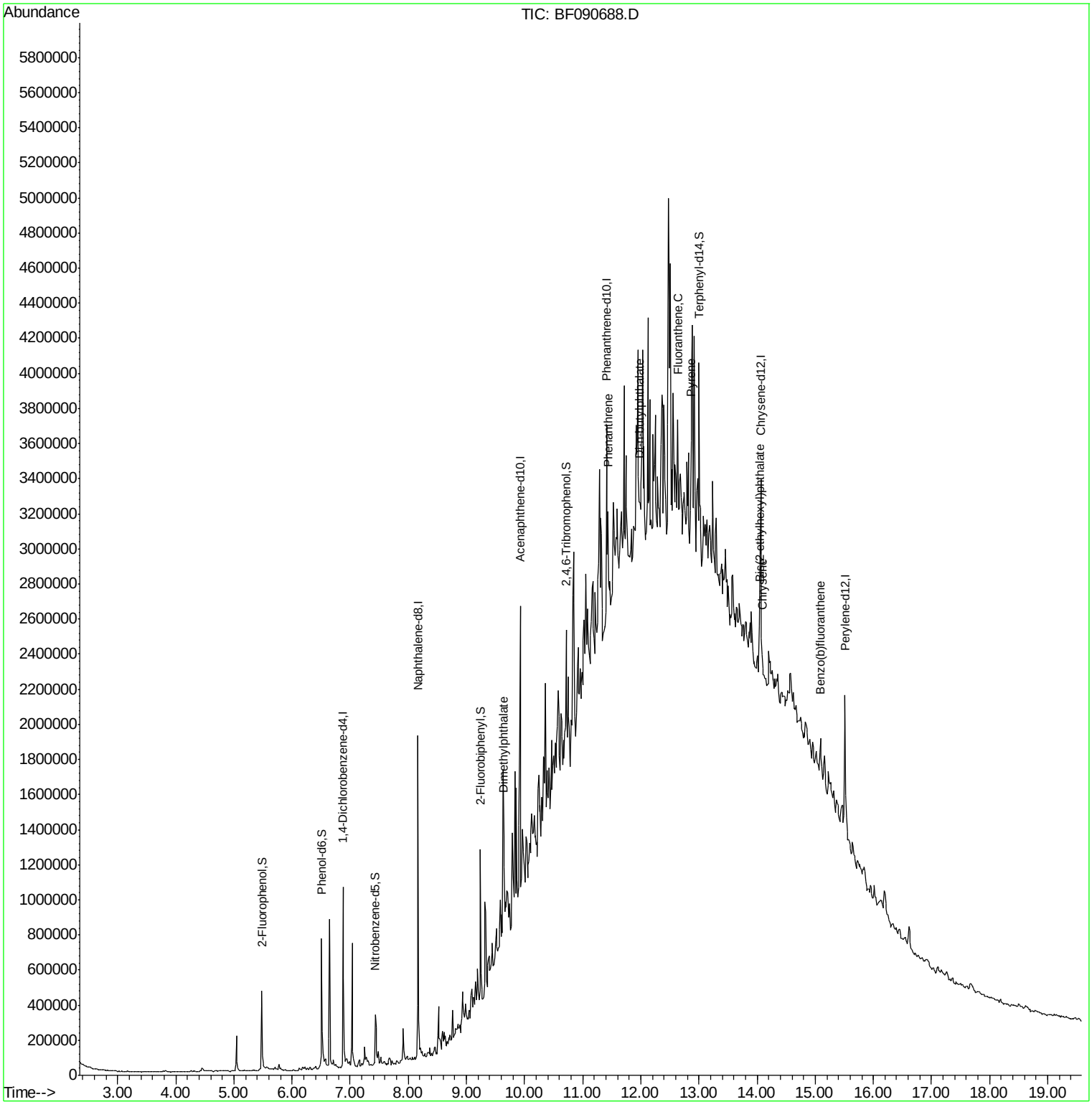
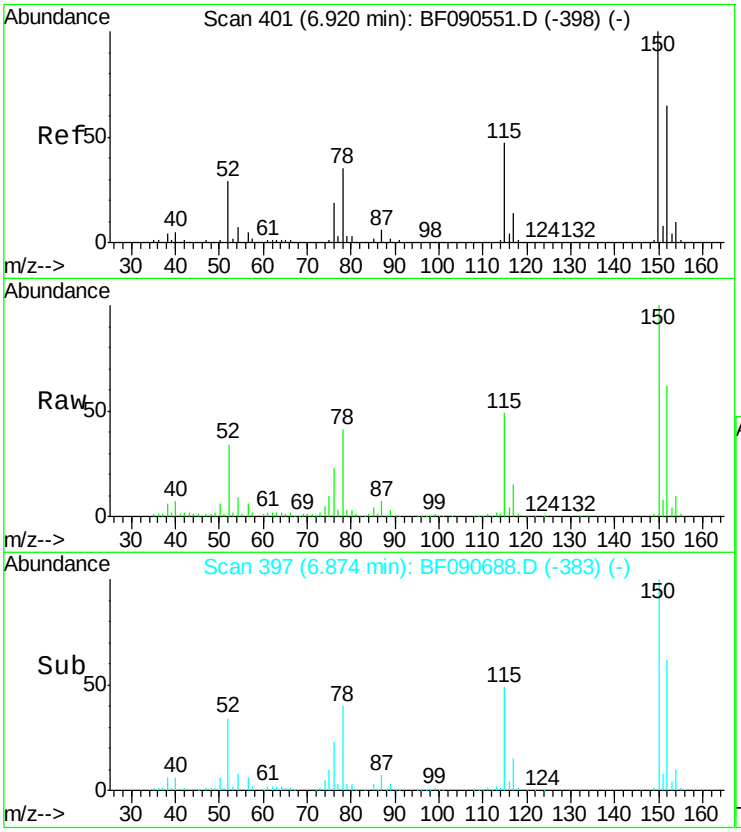
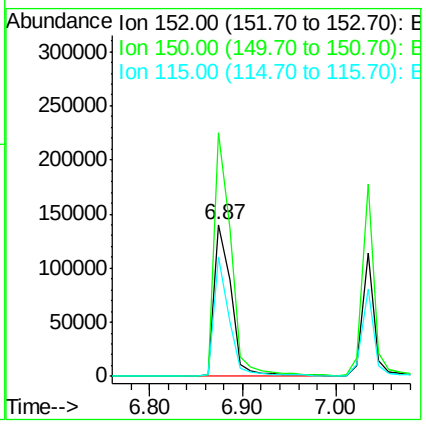




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 397
Delta R.T. -0.03 min
Lab File: BF090688.D
Acq: 20 Oct 2016 17:59

Tgt Ion:152 Resp: 178246

Ion	Ratio	Lower	Upper
152	100		
150	160.6	127.2	190.8
115	78.7	58.6	88.0



Instrument :
BNA_F
ClientSampleId :
FD-2

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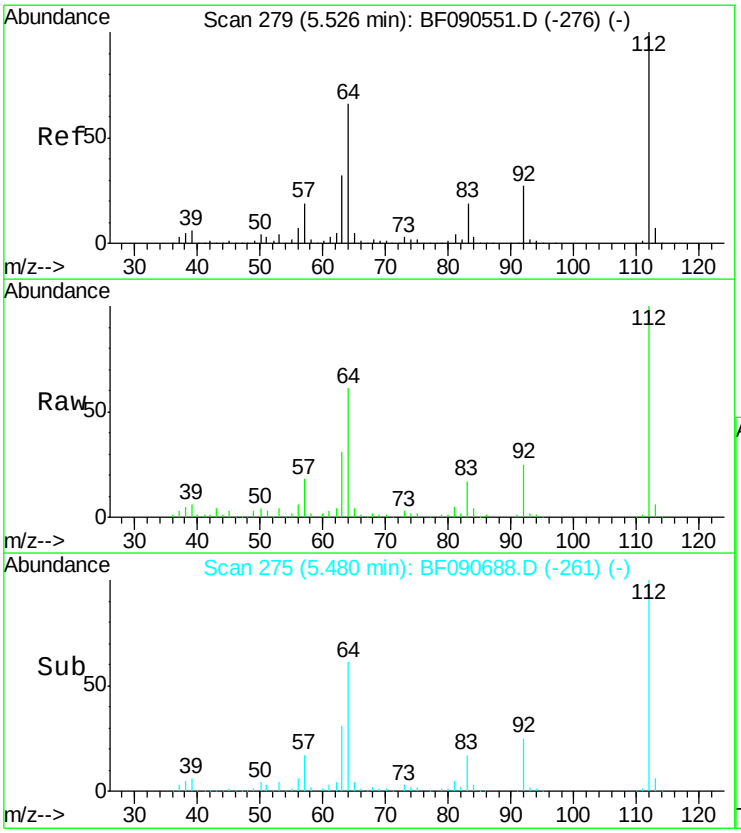
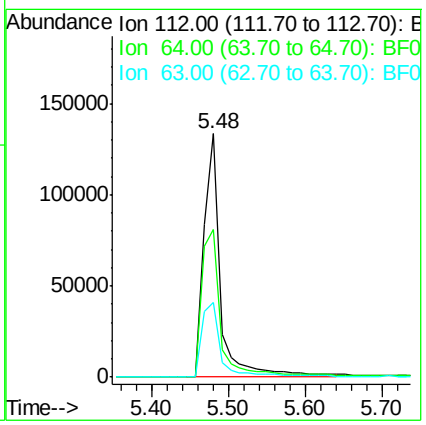
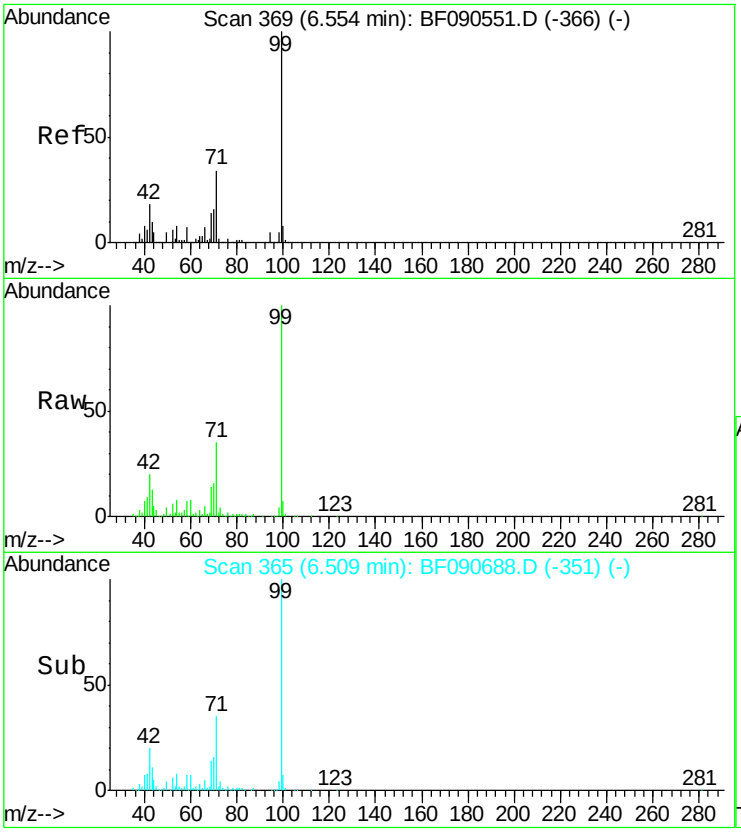


#5
2-Fluorophenol
Concen: 20.53 ng
RT: 5.48 min Scan# 275
Delta R.T. -0.03 min
Lab File: BF090688.D
Acq: 20 Oct 2016 17:59

Tgt Ion:112 Resp: 199593

Ion	Ratio	Lower	Upper
112	100		
64	60.6	52.6	78.8
63	30.7	26.0	39.0

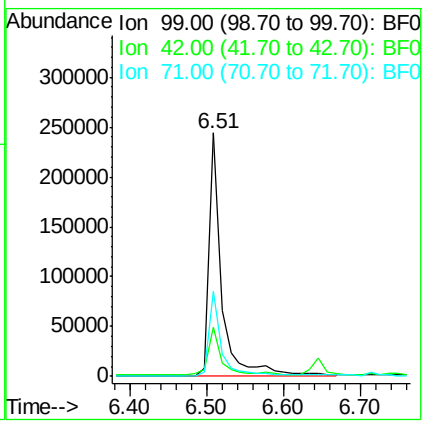




#7
Phenol-d6
Concen: 19.51 ng
RT: 6.51 min Scan# 365
Delta R.T. -0.03 min
Lab File: BF090688.D
Acq: 20 Oct 2016 17:59

Tgt Ion: 99 Resp: 281942

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.7	22.1
71	35.0	27.6	41.4



Instrument :
BNA_F
ClientSampleId :
FD-2

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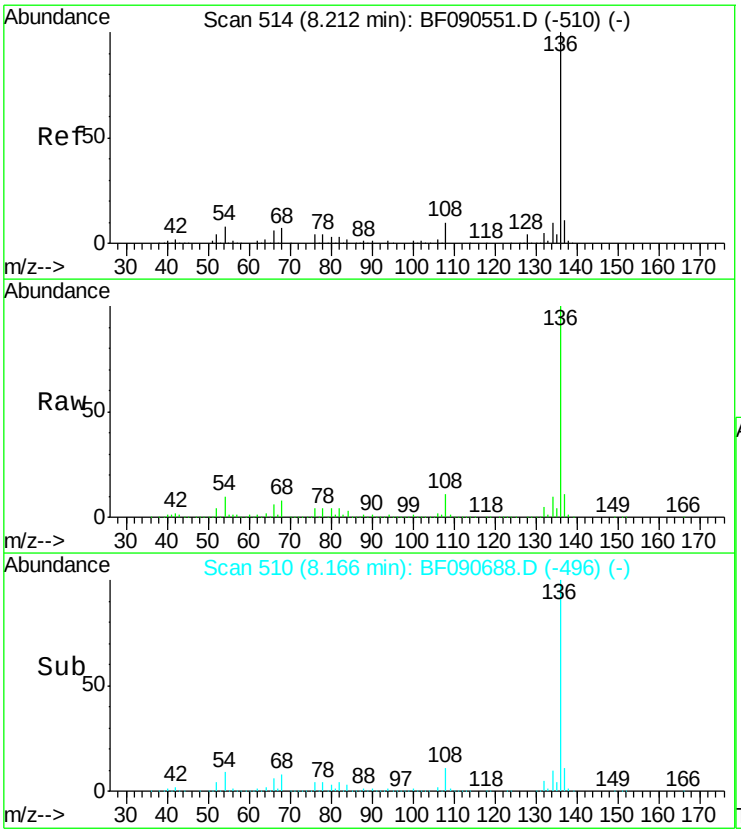
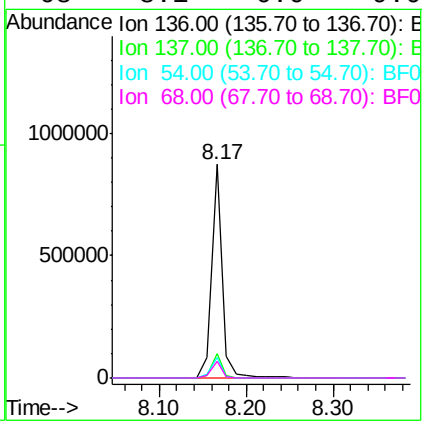
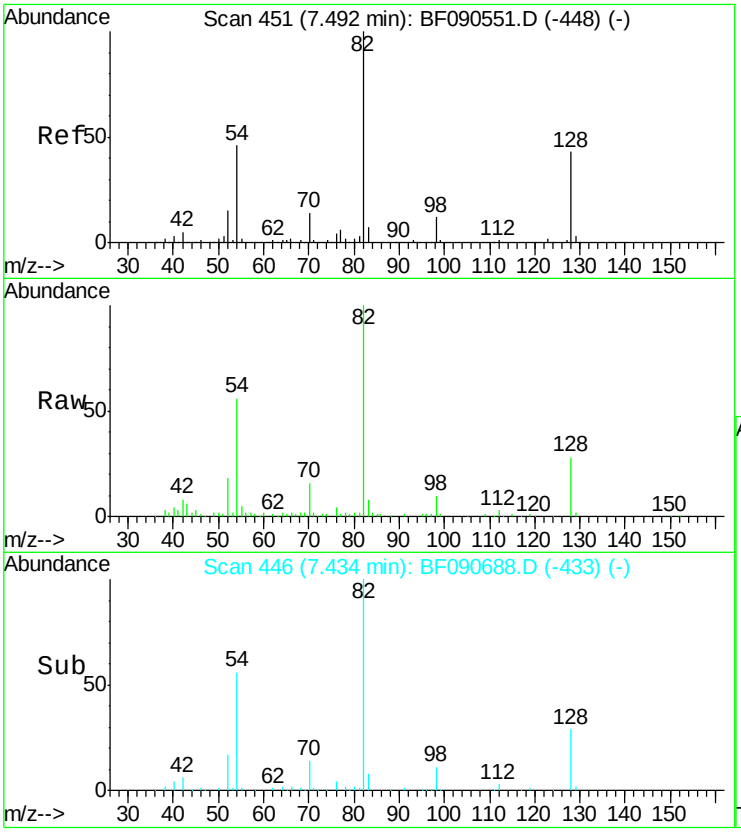


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 510
Delta R.T. -0.03 min
Lab File: BF090688.D
Acq: 20 Oct 2016 17:59

Tgt Ion:136 Resp: 753911

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.6	6.8	10.2
68	8.1	6.0	9.0

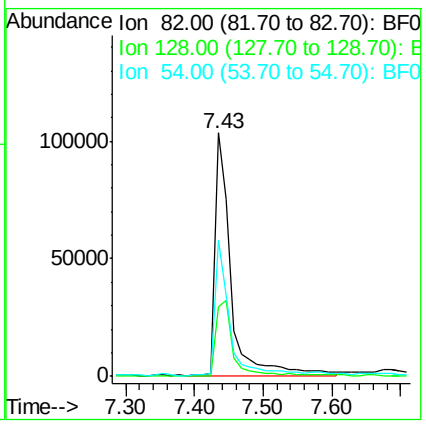




#23
Nitrobenzene-d5
Concen: 12.37 ng
RT: 7.43 min Scan# 446
Delta R.T. -0.05 min
Lab File: BF090688.D
Acq: 20 Oct 2016 17:59

Tgt Ion: 82 Resp: 167925

Ion	Ratio	Lower	Upper
82	100		
128	28.3	34.3	51.5#
54	55.9	37.0	55.6#



Instrument :
BNA_F
ClientSampleId :
FD-2

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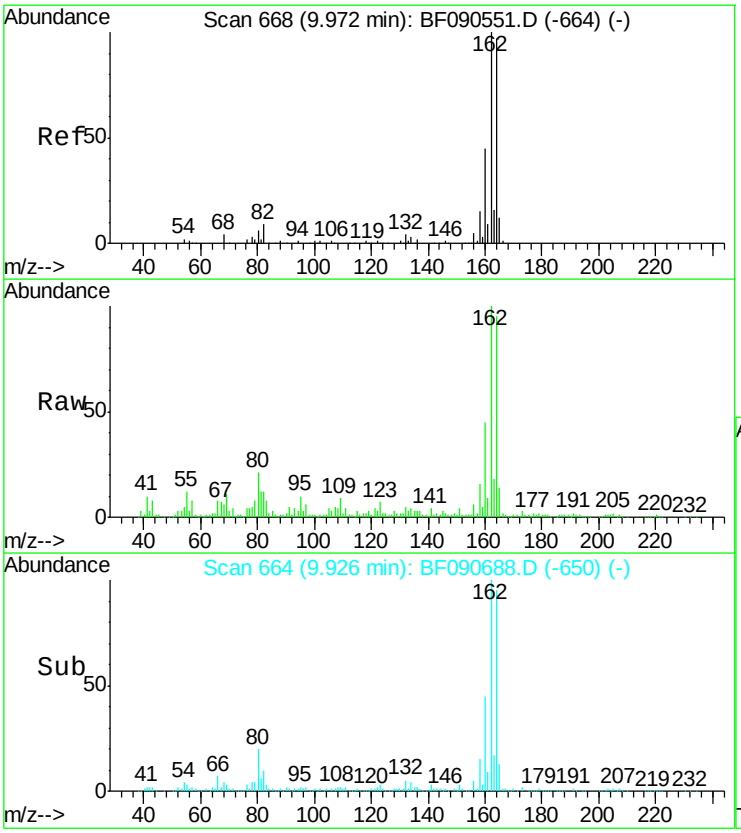
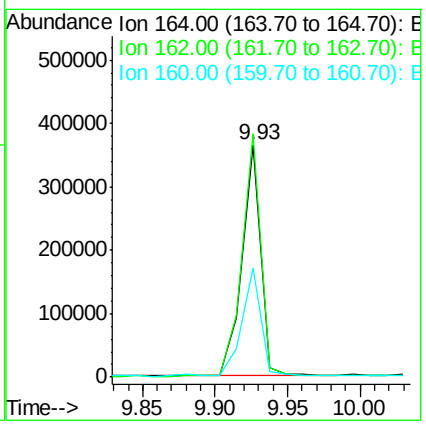
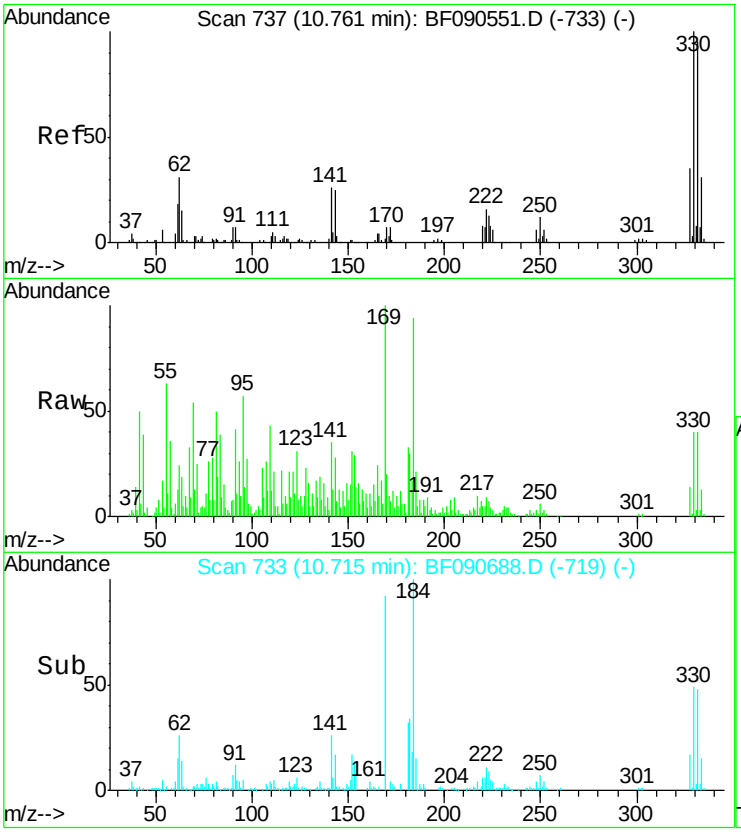


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF090688.D
Acq: 20 Oct 2016 17:59

Tgt Ion:164 Resp: 327304

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.2	123.4
160	47.0	36.6	55.0

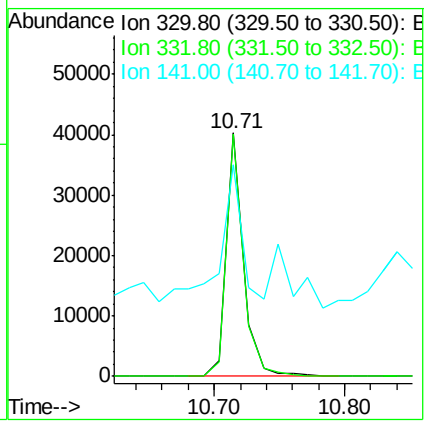




#41
2,4,6-Tribromophenol
Concen: 12.69 ng
RT: 10.71 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF090688.D
Acq: 20 Oct 2016 17:59

Tgt Ion:330 Resp: 37039

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.2	114.2
141	74.5	31.4	47.2#



Instrument :
BNA_F
ClientSampleId :
FD-2

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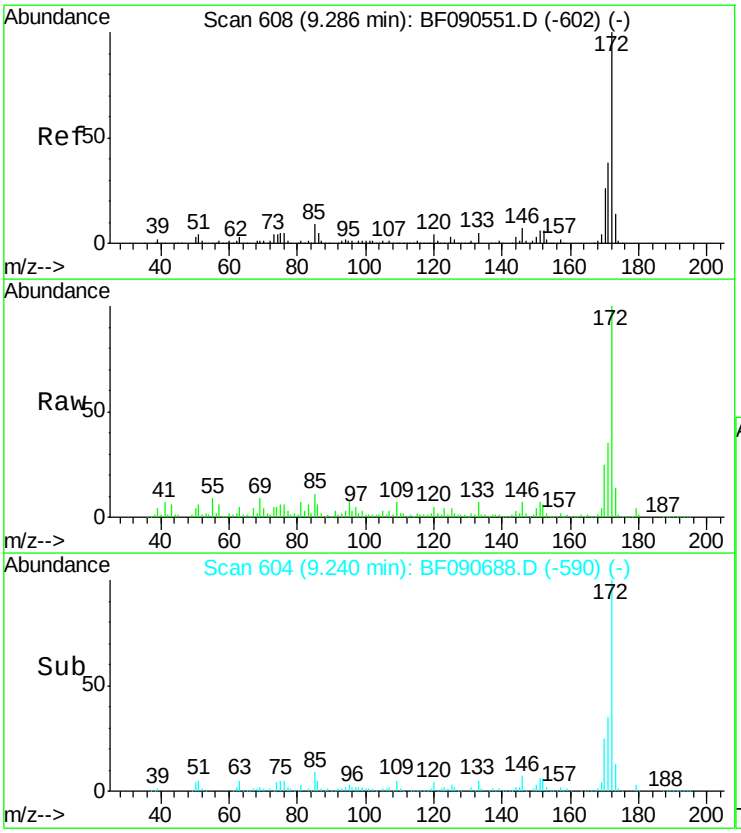
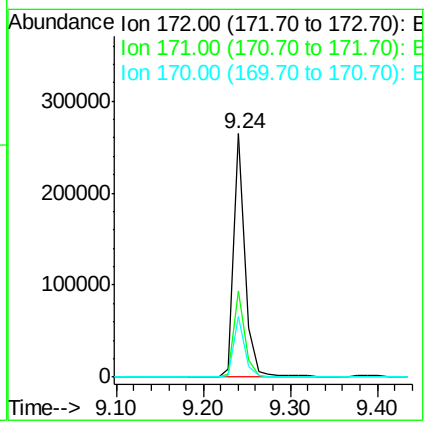
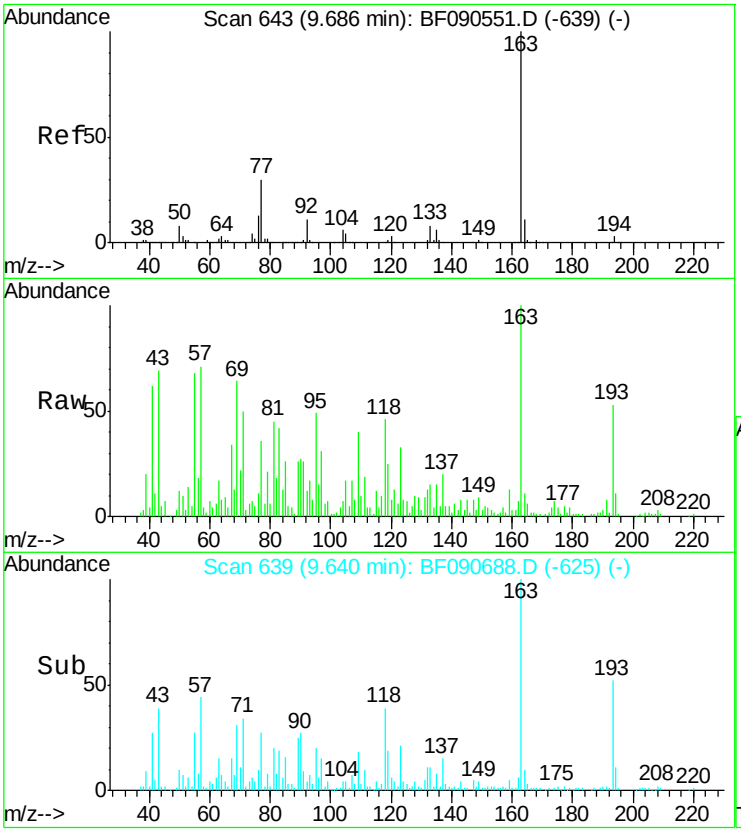


#44
2-Fluorobiphenyl
Concen: 11.88 ng
RT: 9.24 min Scan# 604
Delta R.T. -0.03 min
Lab File: BF090688.D
Acq: 20 Oct 2016 17:59

Tgt Ion:172 Resp: 235921

Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.1	45.1
170	24.6	20.6	30.8

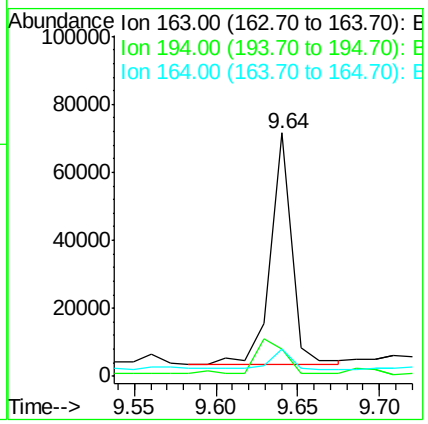




#49
Dimethylphthalate
Concen: 2.88 ng
RT: 9.64 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF090688.D
Acq: 20 Oct 2016 17:59

Tgt Ion:163 Resp: 61243

Ion	Ratio	Lower	Upper
163	100		
194	11.4	2.3	3.5#
164	11.0	8.6	13.0



Instrument :
BNA_F
ClientSampleId :
FD-2

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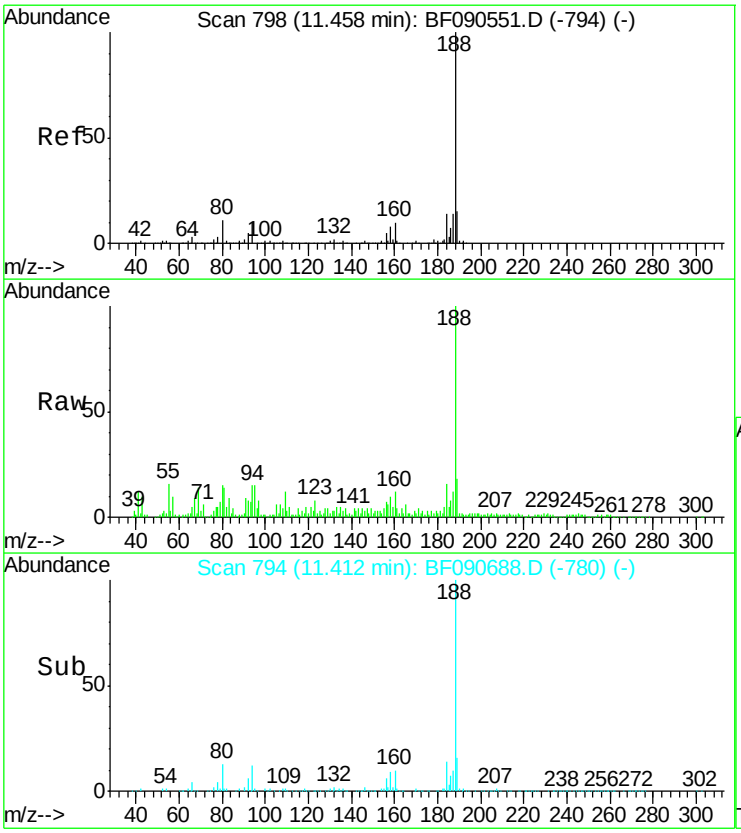
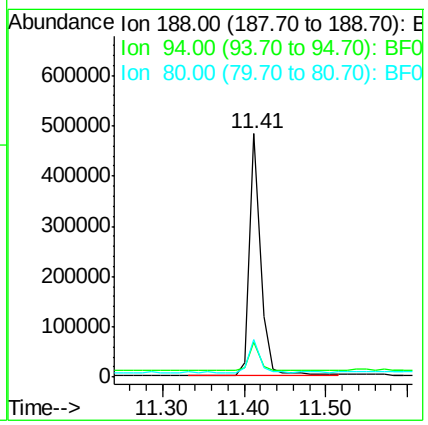
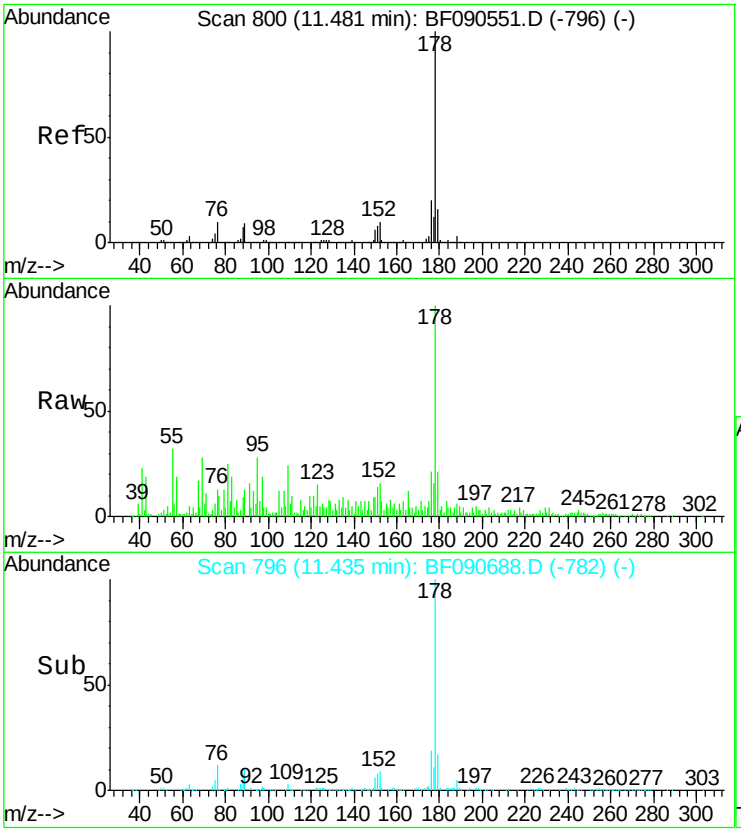


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF090688.D
Acq: 20 Oct 2016 17:59

Tgt Ion:188 Resp: 455903

Ion	Ratio	Lower	Upper
188	100		
94	14.6	7.7	11.5#
80	15.2	8.6	12.8#

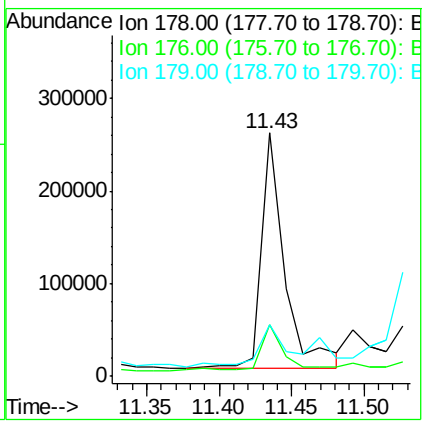




#70
Phenanthrene
Concen: 11.57 ng
RT: 11.43 min Scan# 796
Delta R.T. -0.03 min
Lab File: BF090688.D
Acq: 20 Oct 2016 17:59

Tgt Ion:178 Resp: 281610

Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.1	24.1
179	21.1	12.6	19.0#



Instrument :
BNA_F
ClientSampleId :
FD-2

Manual Integrations APPROVED
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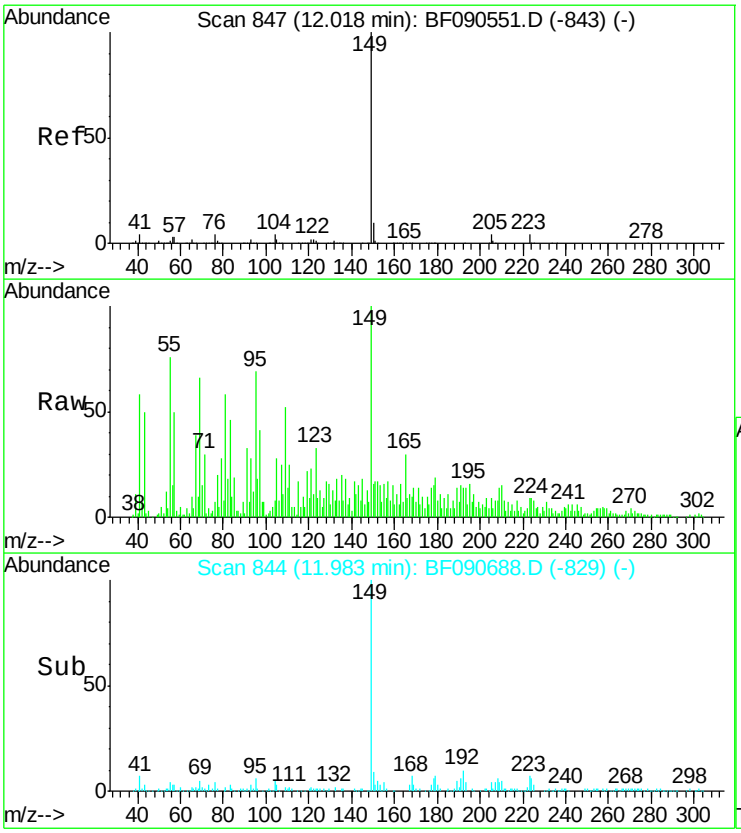
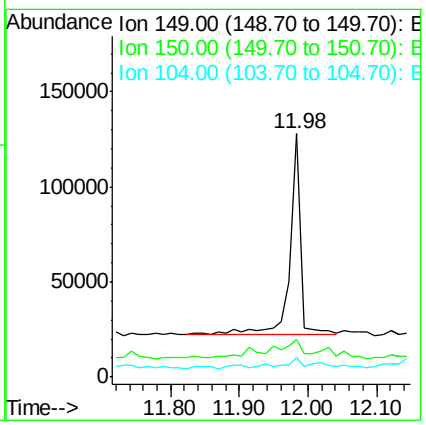
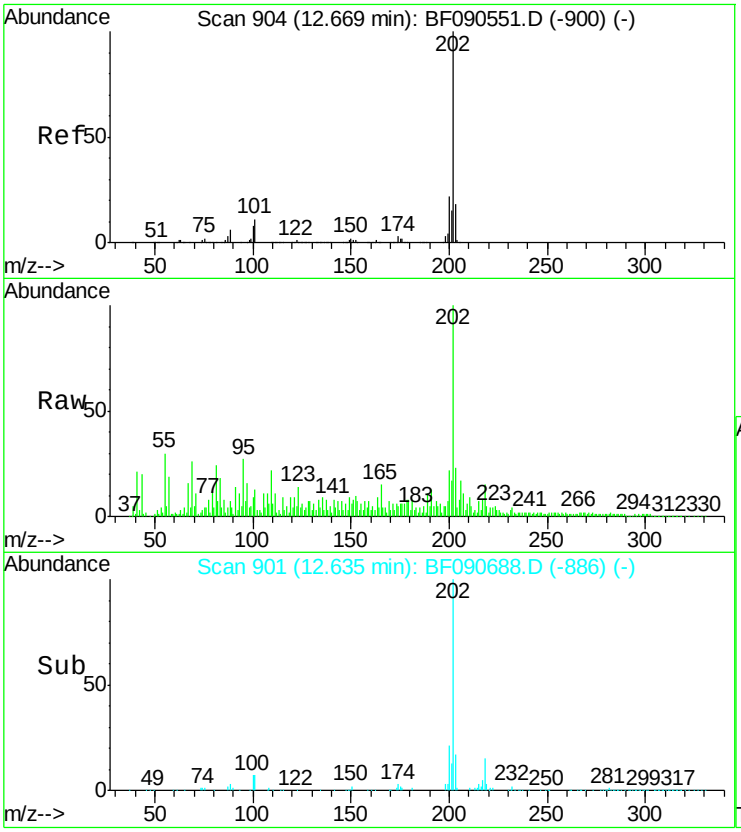


#73
Di-n-butylphthalate
Concen: 4.27 ng
RT: 11.98 min Scan# 844
Delta R.T. -0.02 min
Lab File: BF090688.D
Acq: 20 Oct 2016 17:59

Tgt Ion:149 Resp: 117215

Ion	Ratio	Lower	Upper
149	100		
150	15.7	7.8	11.6#
104	8.1	3.3	4.9#

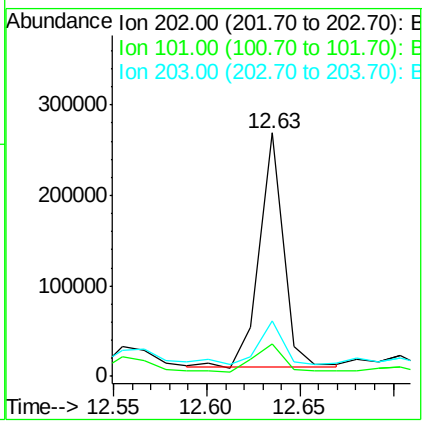




#74
Fluoranthene
Concen: 9.30 ng
RT: 12.63 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF090688.D
Acq: 20 Oct 2016 17:59

Tgt Ion:202 Resp: 227748

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.1
203	22.9	0.0	38.0



Instrument :
BNA_F
ClientSampleId :
FD-2

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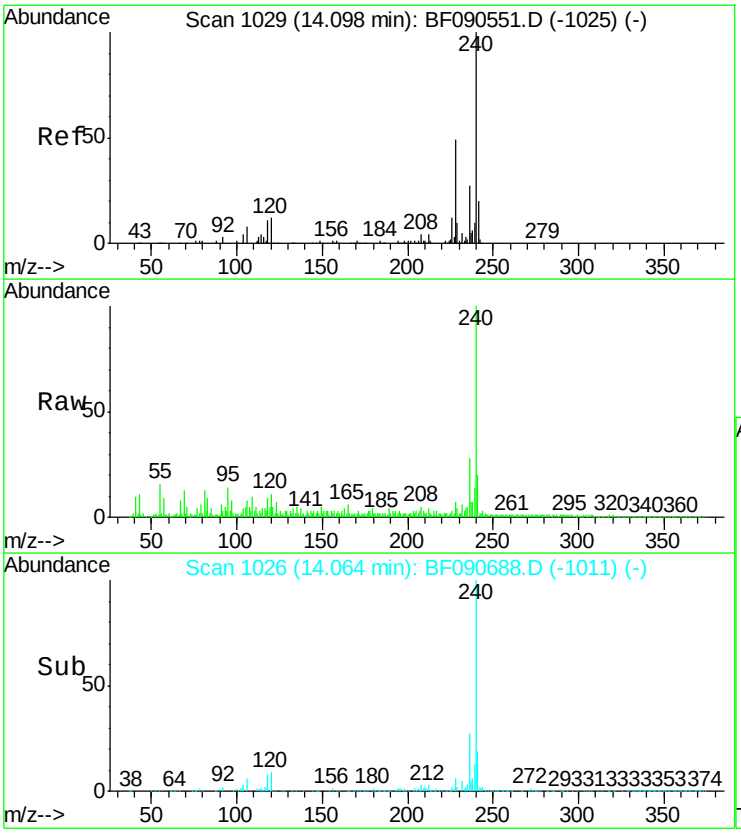
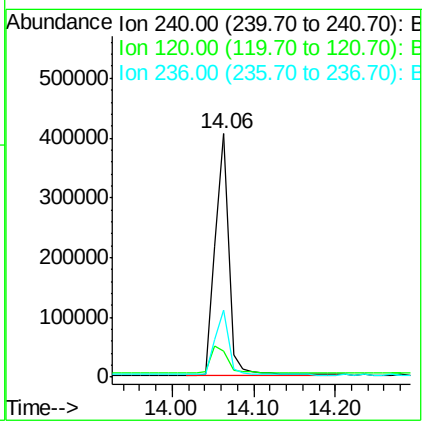
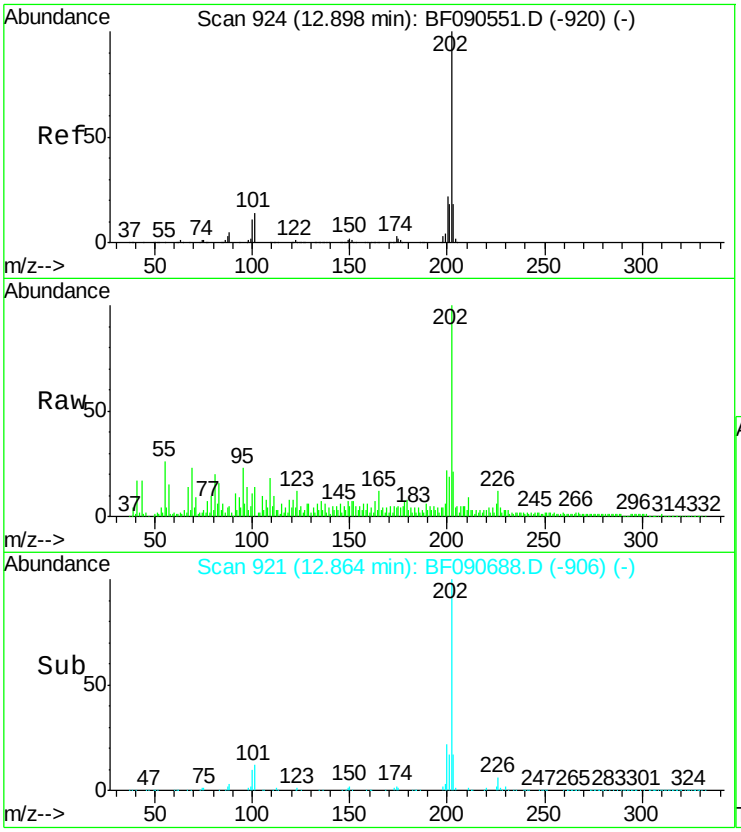


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF090688.D
Acq: 20 Oct 2016 17:59

Tgt Ion:240 Resp: 482553

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.8	14.8
236	27.6	21.7	32.5

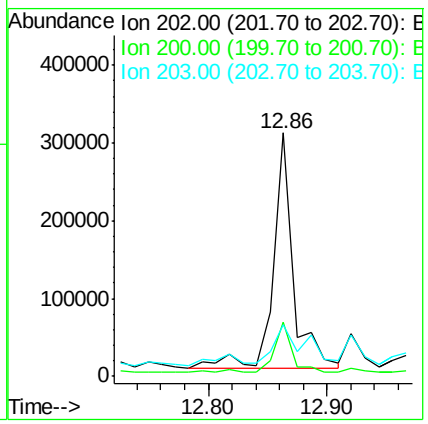




#77
Pyrene
Concen: 11.28 ng
RT: 12.86 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF090688.D
Acq: 20 Oct 2016 17:59

Tgt Ion:202 Resp: 360426

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.8	26.6
203	21.3	14.6	21.8



Instrument :
BNA_F
ClientSampleId :
FD-2

Manual Integrations APPROVED
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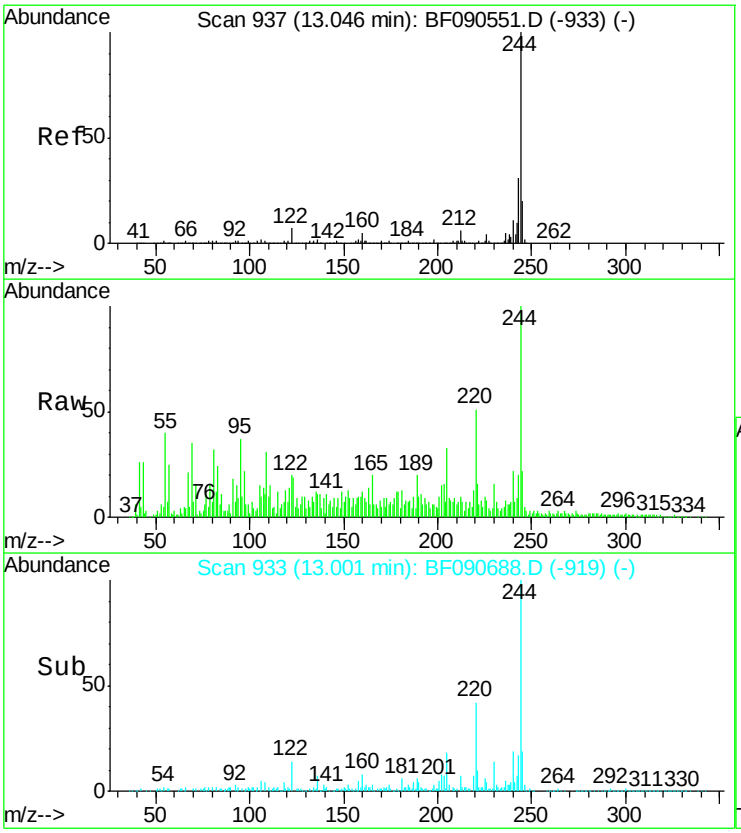
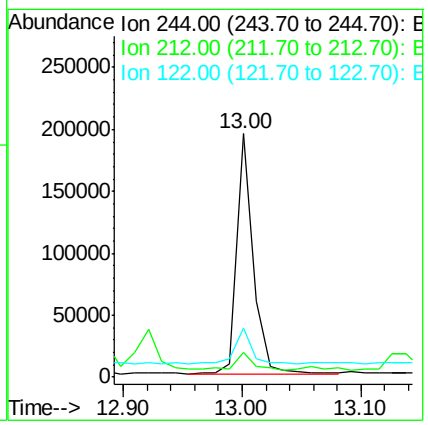
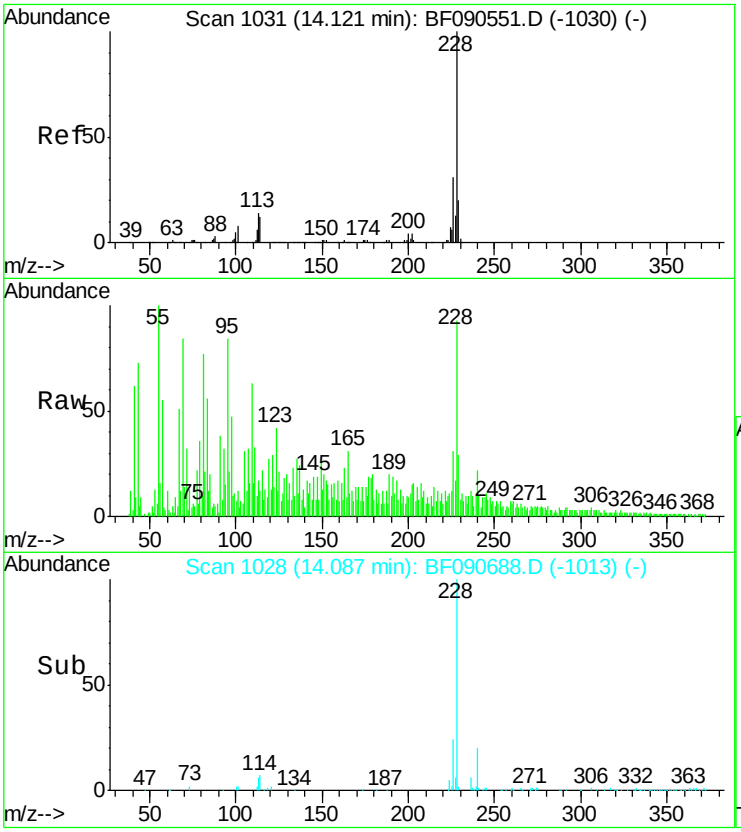


#78
Terphenyl-d14
Concen: 9.14 ng
RT: 13.00 min Scan# 933
Delta R.T. -0.03 min
Lab File: BF090688.D
Acq: 20 Oct 2016 17:59

Tgt Ion:244 Resp: 189424

Ion	Ratio	Lower	Upper
244	100		
212	10.1	5.0	7.4#
122	19.9	5.6	8.4#

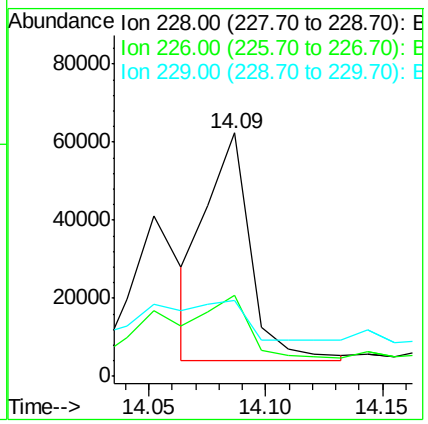




#82
Chrysene
Concen: 2.93 ng m
RT: 14.09 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF090688.D
Acq: 20 Oct 2016 17:59

Tgt Ion:228 Resp: 77536

Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.8	37.2
229	31.3	16.2	24.4#



Instrument :
BNA_F
ClientSampleId :
FD-2

Manual Integrations APPROVED
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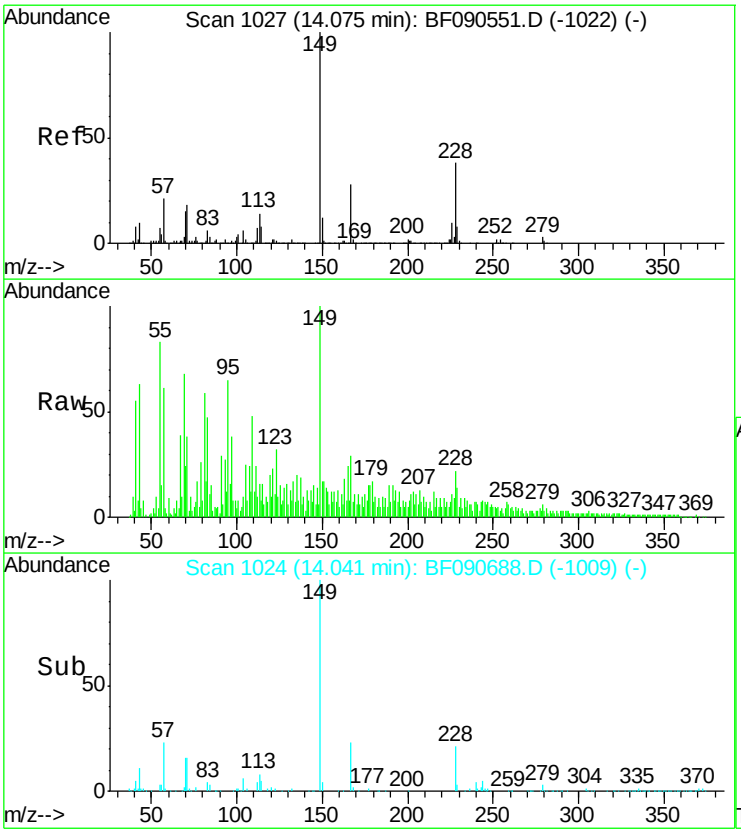
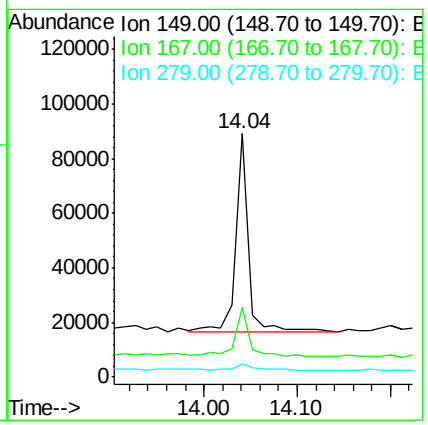
10/21/2016 6:58:48 PM

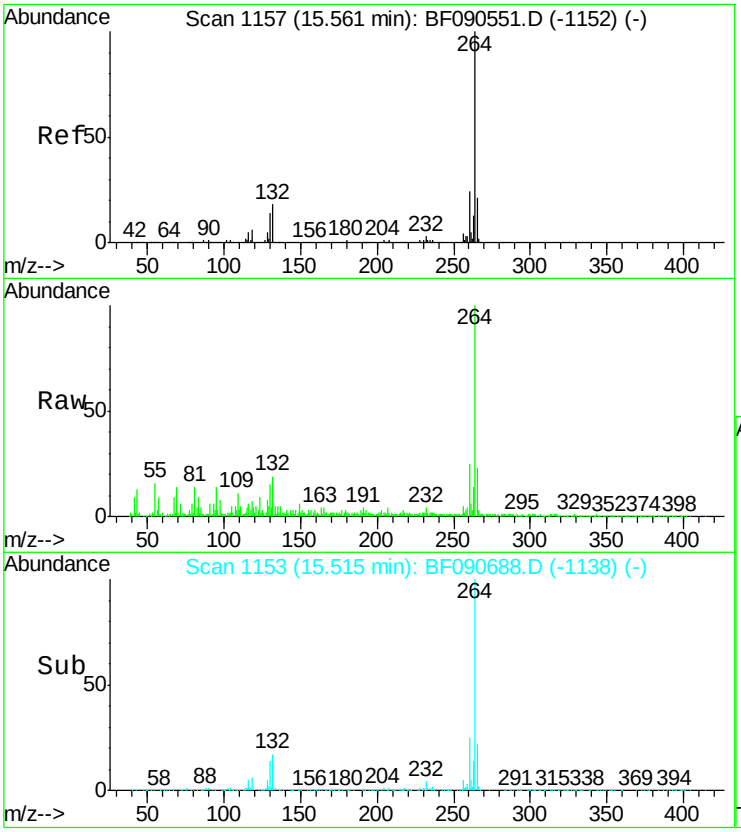


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.56 ng
RT: 14.04 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF090688.D
Acq: 20 Oct 2016 17:59

Tgt Ion:149 Resp: 68101

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.1	33.1
279	5.5	2.6	4.0#

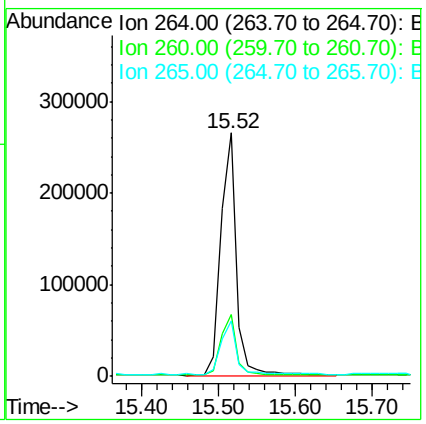




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF090688.D
Acq: 20 Oct 2016 17:59

Tgt Ion:264 Resp: 378338

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.3	28.9
265	22.6	16.7	25.1



Instrument :
BNA_F
ClientSampleId :
FD-2

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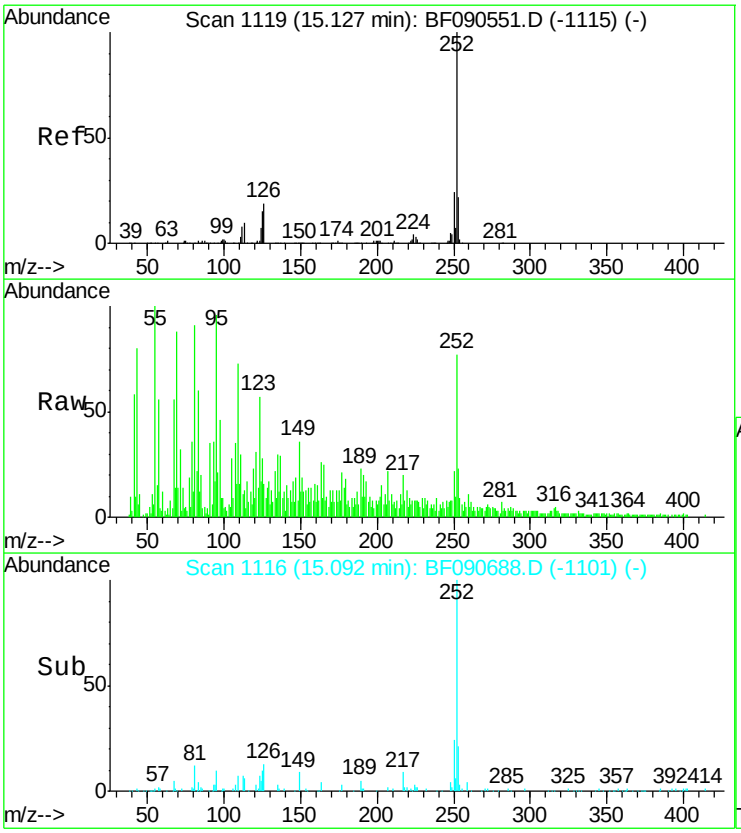
10/21/2016 6:58:48 PM



#87
Benzo(b)fluoranthene
Concen: 2.35 ng m
RT: 15.09 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF090688.D
Acq: 20 Oct 2016 17:59

Tgt Ion:252 Resp: 58157

Ion	Ratio	Lower	Upper
252	100		
253	30.3	17.8	26.8#
125	36.6	12.0	18.0#