Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090962.D
Acq On : 1 Nov 2016 20:27
Operator : UM/SJ
Sample : H5502-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-88-0.5-1.0

Manual Integrations APPROVED
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11/2/2016 5:42:11 PM

Quant Time: Nov 02 01:47:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	161933	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	714719	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	381554	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	599824	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	390829	20.00	ng	-0.01
86) Perylene-d12	15.29	264	290071	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1077401	116.33	ng	0.00
7) Phenol-d6	6.38	99	1581333	126.56	ng	-0.01
23) Nitrobenzene-d5	7.30	82	898676	82.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	383735	97.86	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1547549	71.22	ng	-0.01
78) Terphenyl-d14	12.84	244	1218208	78.53	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.49	163	354325	13.90	ng	# 97
70) Phenanthrene	11.28	178	90277	2.96	ng	97
74) Fluoranthene	12.47	202	114282	3.42	ng	93
77) Pyrene	12.69	202	95701	3.87	ng	97
80) Benzo(a)anthracene	13.88	228	41624m	2.01	ng	
87) Benzo(b)fluoranthene	14.90	252	39356m	2.02	ng	

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
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Instrument :
BNA_F
ClientSampleId :
SB-88-0.5-1.0

Manual Integrations APPROVED
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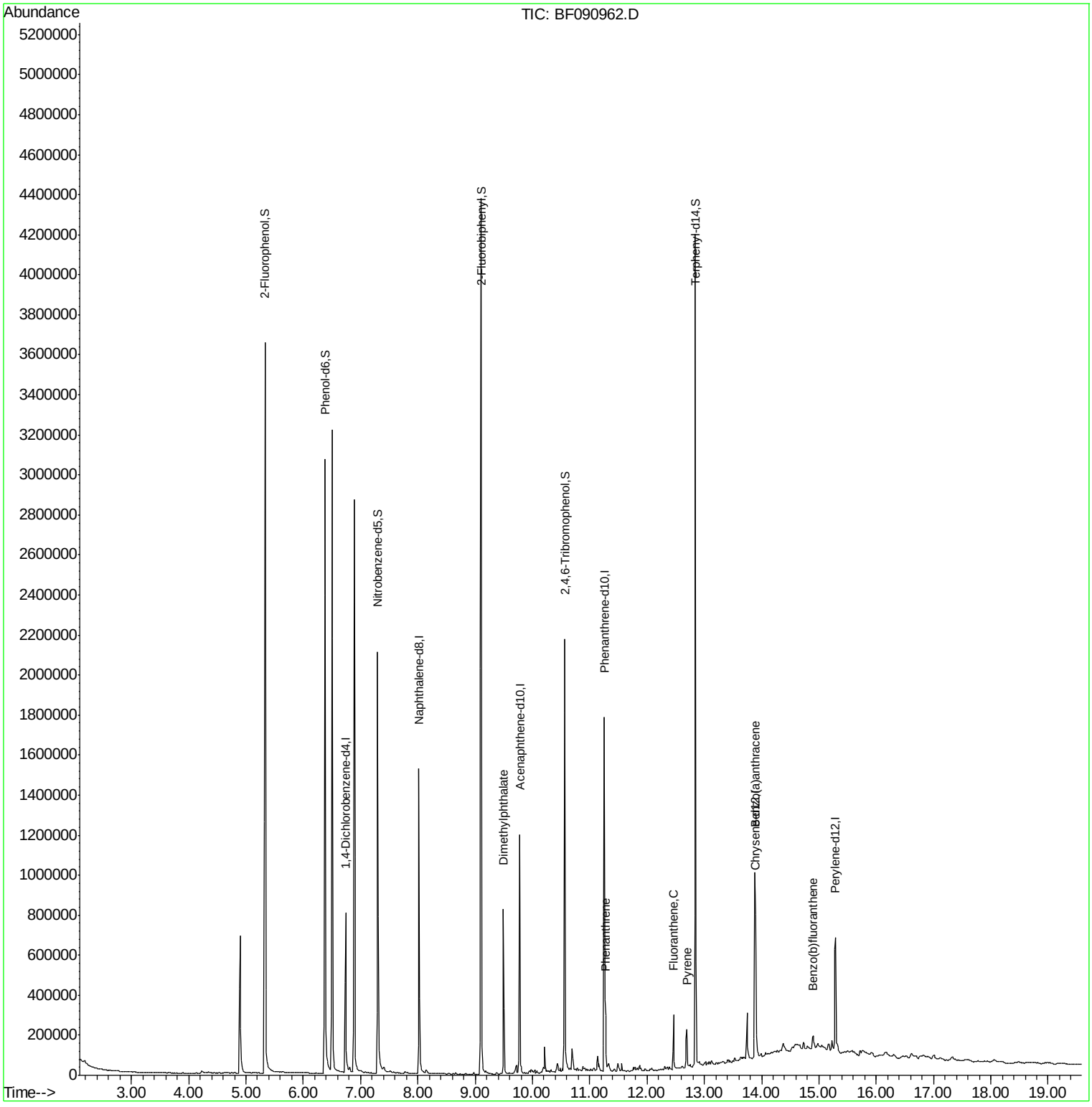
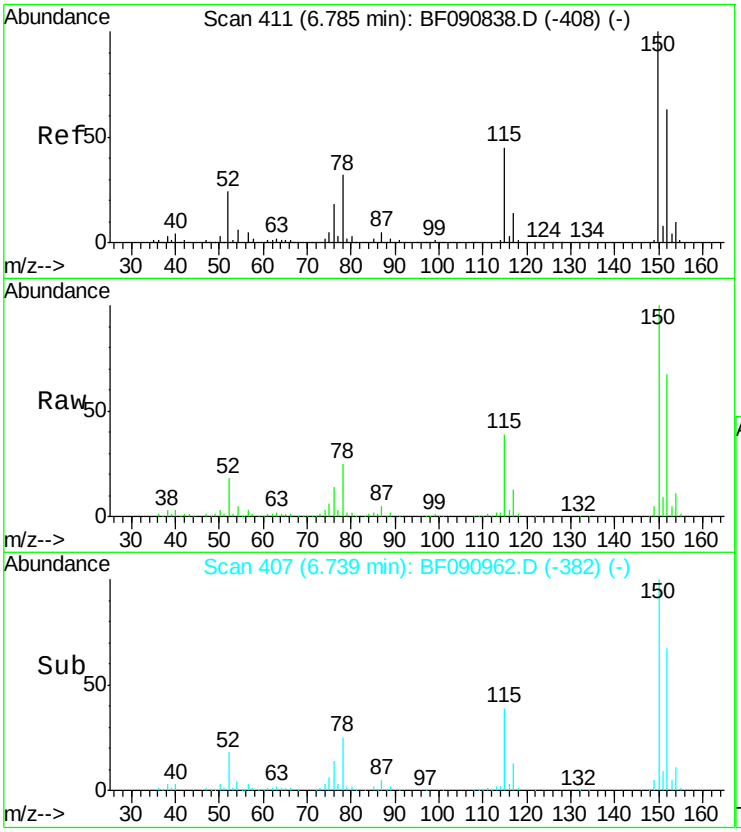
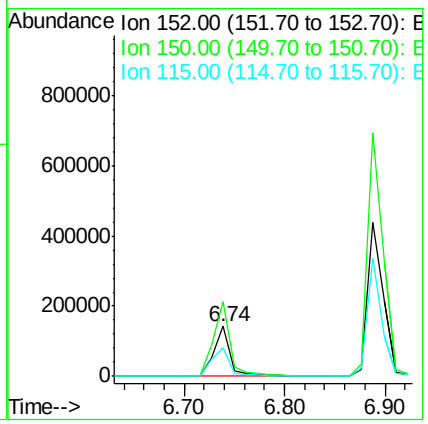




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090962.D
Acq: 1 Nov 2016 20:27

Tgt Ion:152 Resp: 161933

Ion	Ratio	Lower	Upper
152	100		
150	150.0	124.7	187.1
115	58.6	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
SB-88-0.5-1.0

Manual Integrations APPROVED
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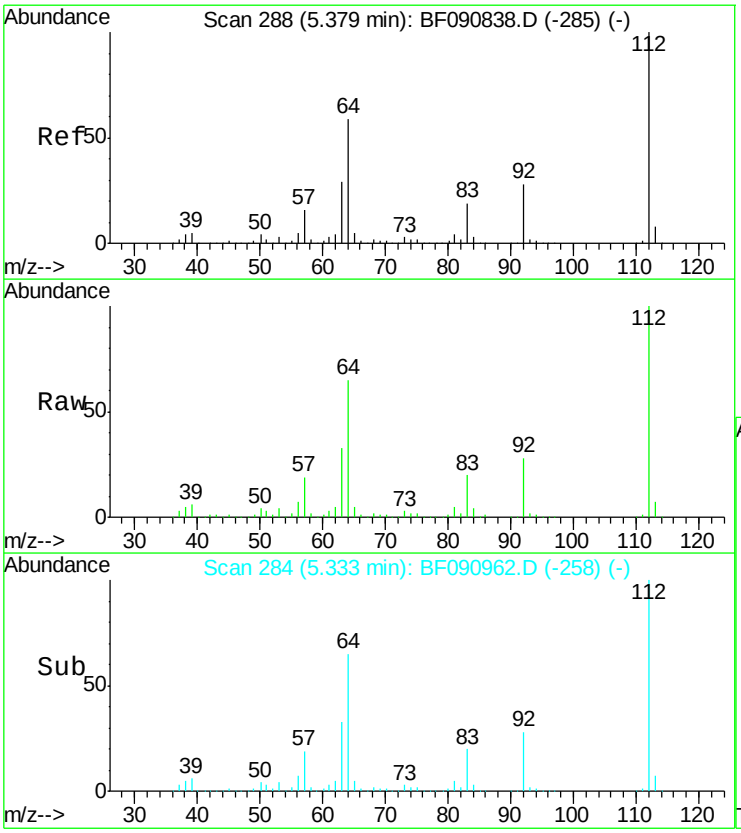
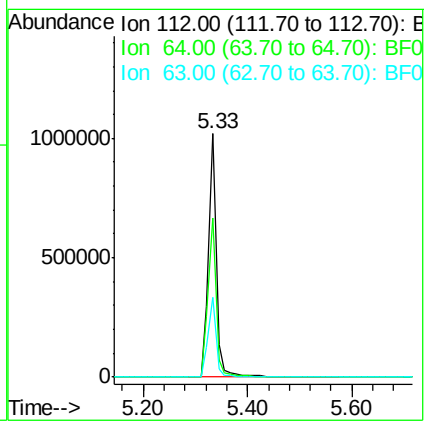
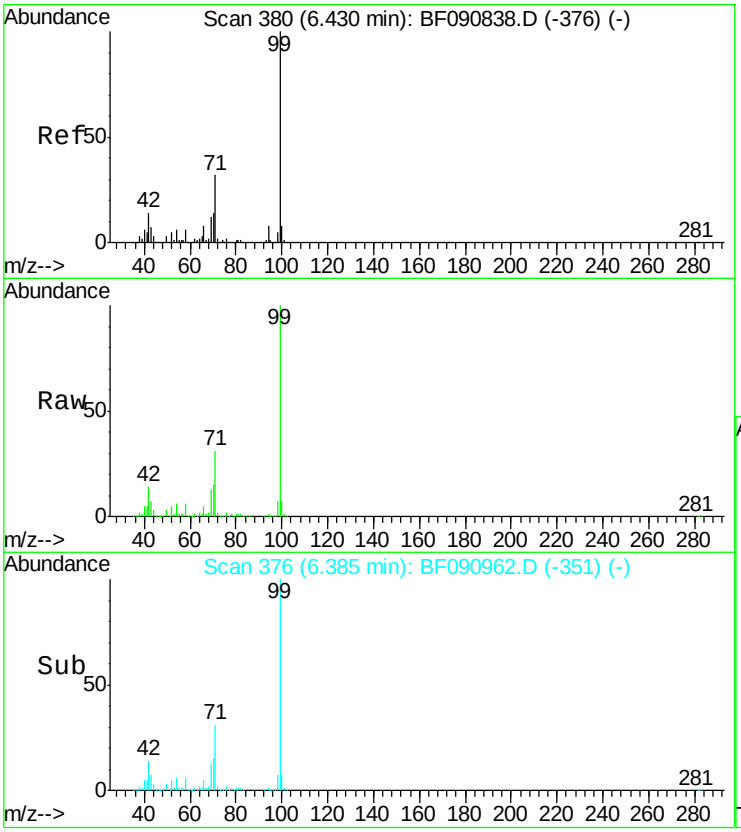


#5
2-Fluorophenol
Concen: 116.33 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.00 min
Lab File: BF090962.D
Acq: 1 Nov 2016 20:27

Tgt Ion:112 Resp: 1077401

Ion	Ratio	Lower	Upper
112	100		
64	65.2	39.7	59.5#
63	32.5	17.4	26.0#

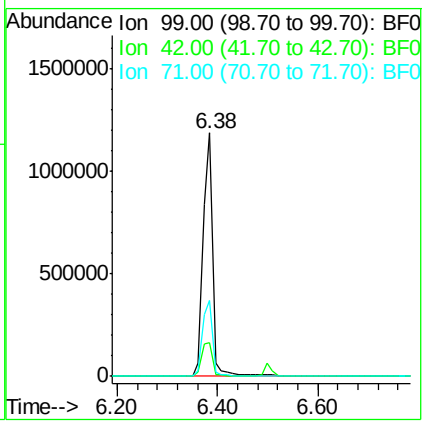




#7
Phenol-d6
Concen: 126.56 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF090962.D
Acq: 1 Nov 2016 20:27

Tgt Ion: 99 Resp: 1581333

Ion	Ratio	Lower	Upper
99	100		
42	14.0	13.7	20.5
71	31.2	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
SB-88-0.5-1.0

Manual Integrations APPROVED
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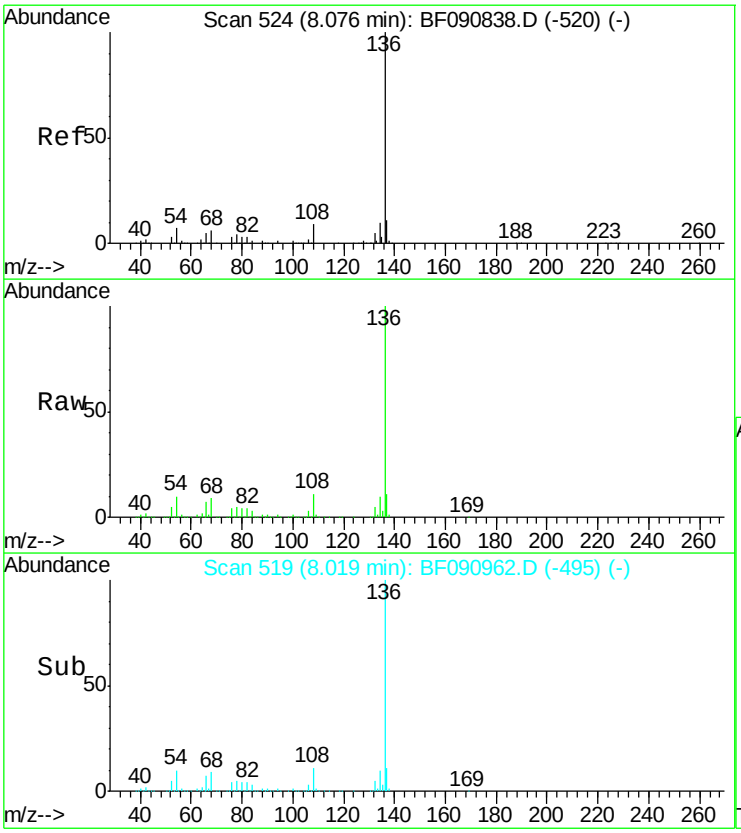
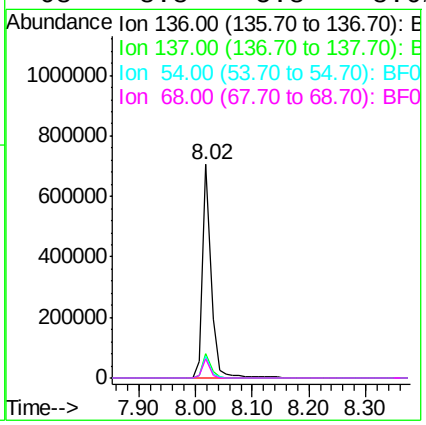
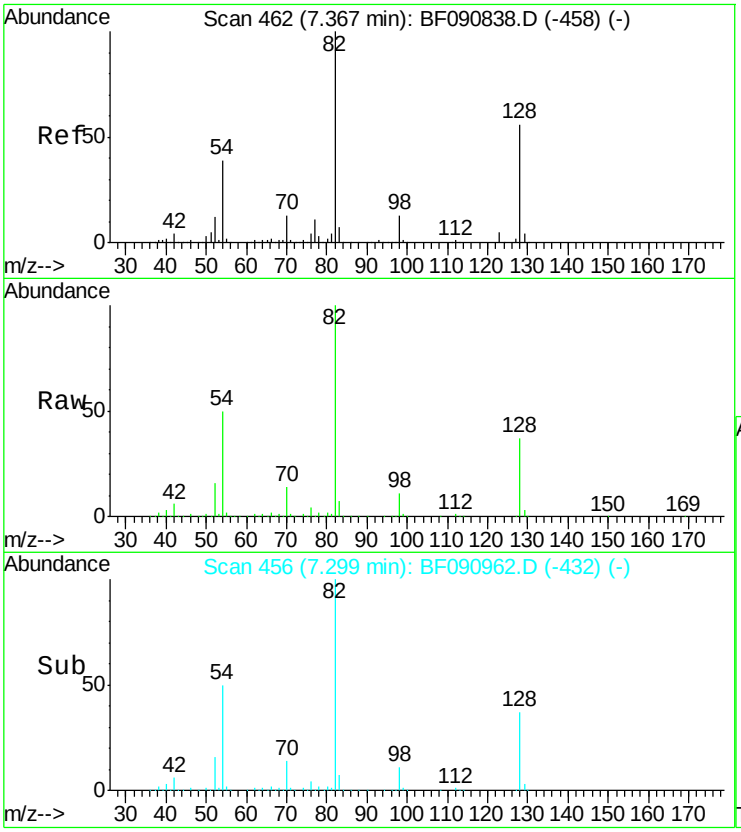


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090962.D
Acq: 1 Nov 2016 20:27

Tgt Ion:136 Resp: 714719

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	10.4	8.2	12.2
68	8.8	5.8	8.6#

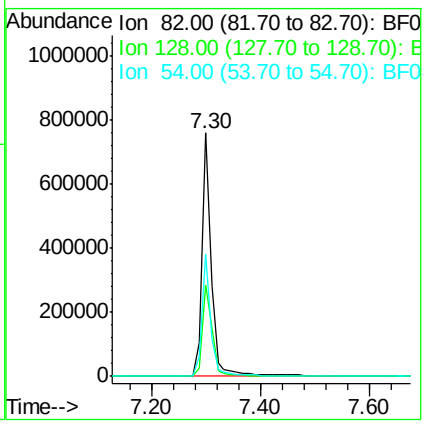




#23
Nitrobenzene-d5
Concen: 82.31 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF090962.D
Acq: 1 Nov 2016 20:27

Tgt Ion: 82 Resp: 898676

Ion	Ratio	Lower	Upper
82	100		
128	37.3	51.0	76.6#
54	49.9	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
SB-88-0.5-1.0

Manual Integrations APPROVED
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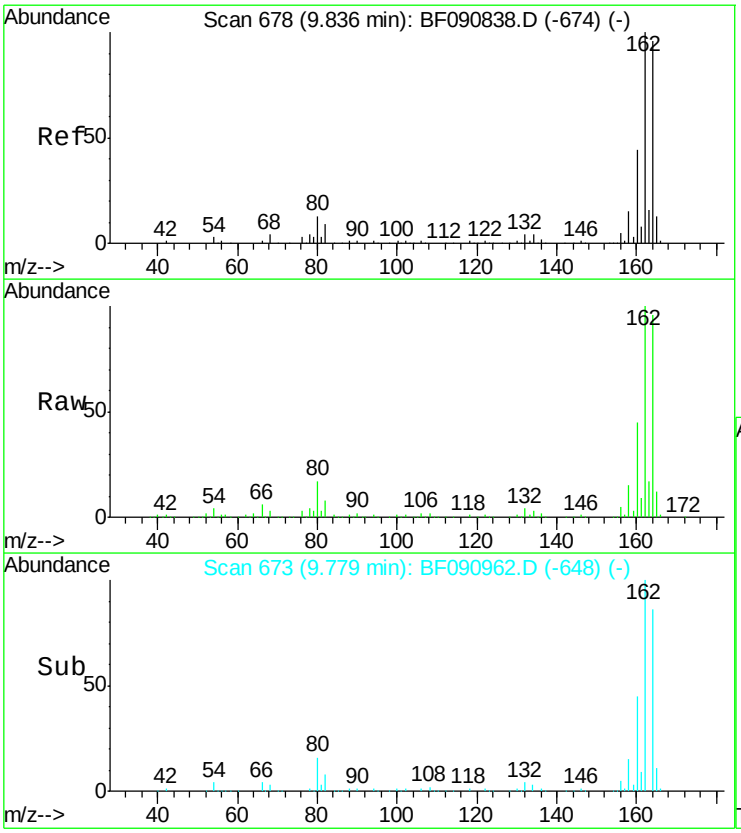
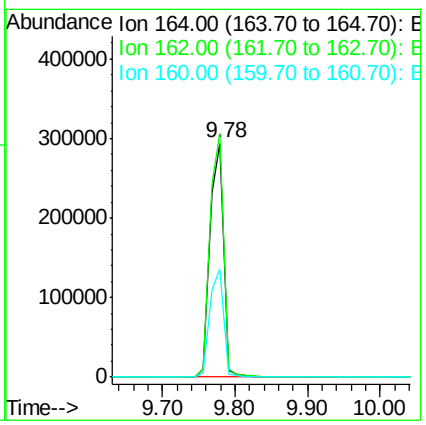
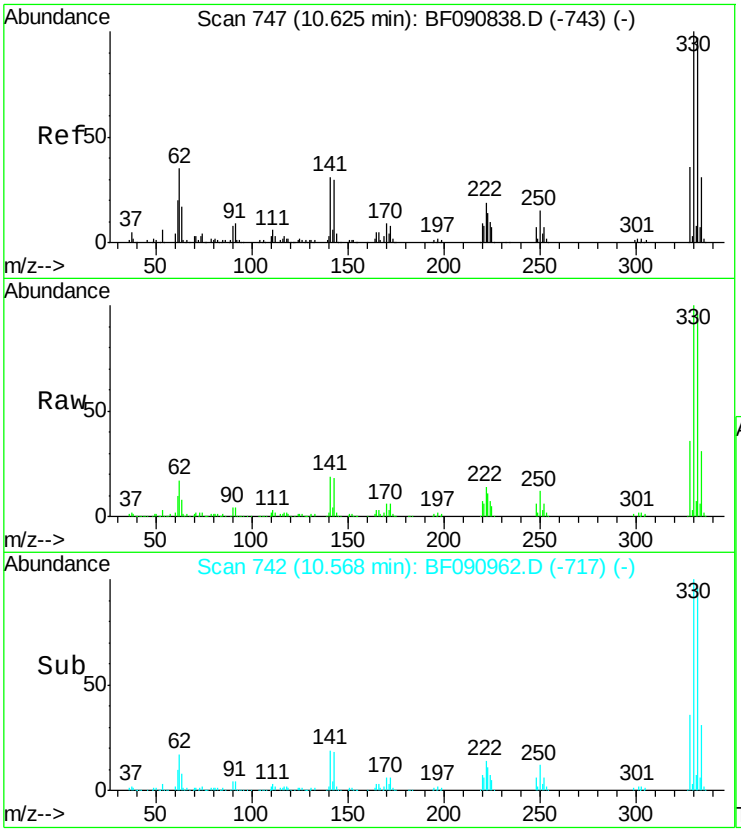


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF090962.D
Acq: 1 Nov 2016 20:27

Tgt Ion:164 Resp: 381554

Ion	Ratio	Lower	Upper
164	100		
162	104.3	75.2	112.8
160	46.4	31.5	47.3

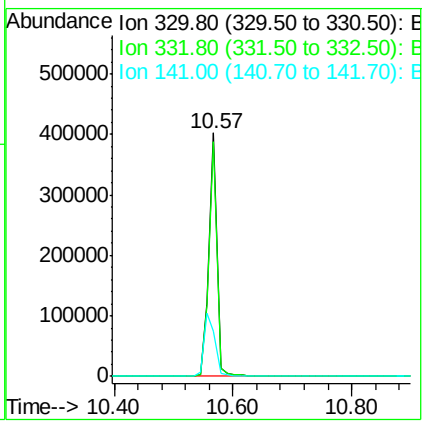




#41
2,4,6-Tribromophenol
Concen: 97.86 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF090962.D
Acq: 1 Nov 2016 20:27

Tgt Ion:330 Resp: 383735

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	35.3	29.7	44.5



Instrument :
BNA_F
ClientSampleId :
SB-88-0.5-1.0

Manual Integrations APPROVED
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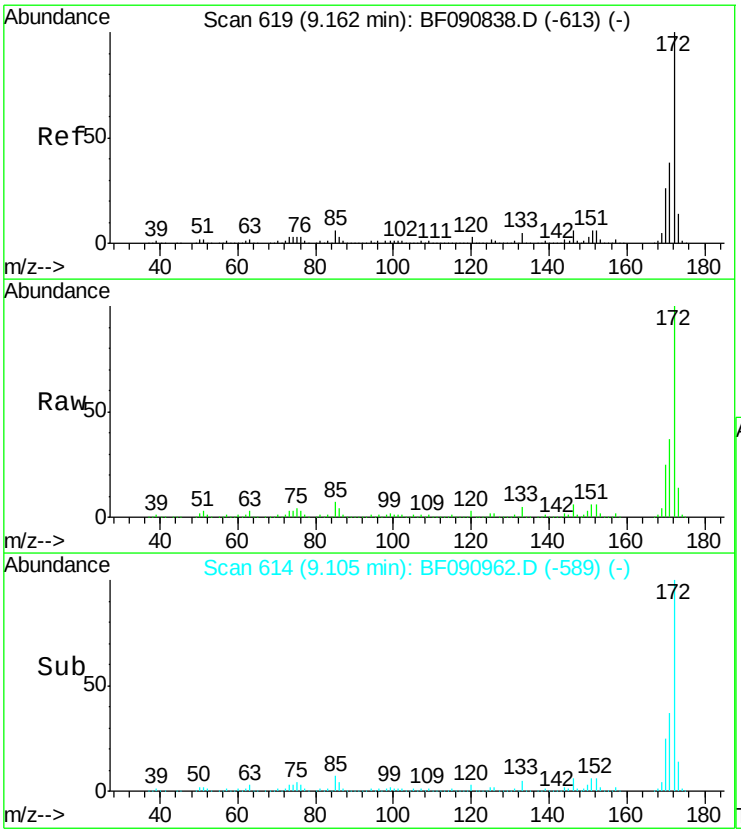
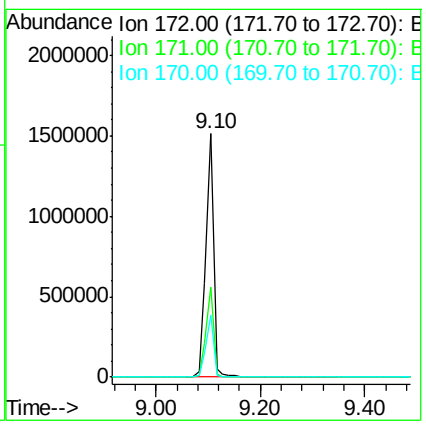
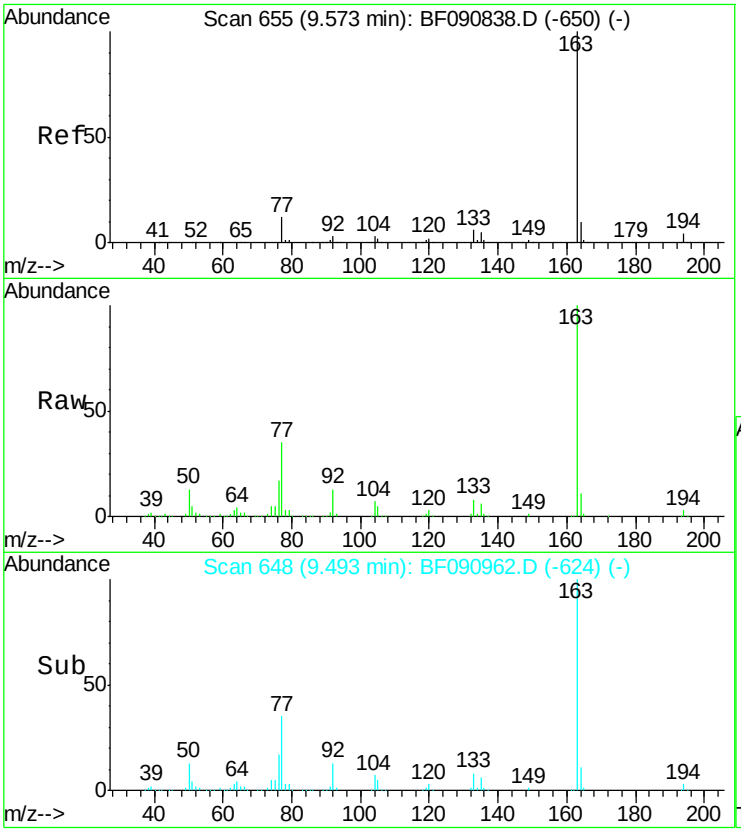


#44
2-Fluorobiphenyl
Concen: 71.22 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF090962.D
Acq: 1 Nov 2016 20:27

Tgt Ion:172 Resp: 1547549

Ion	Ratio	Lower	Upper
172	100		
171	36.8	26.1	39.1
170	25.2	17.4	26.2

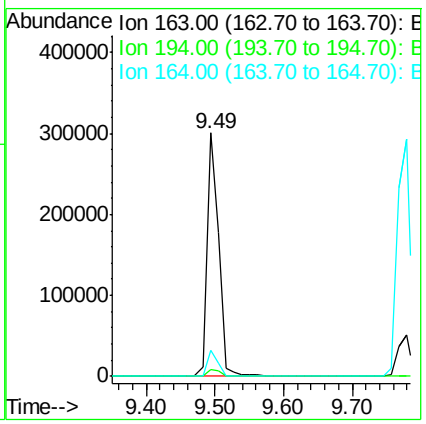




#49
Dimethylphthalate
Concen: 13.90 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF090962.D
Acq: 1 Nov 2016 20:27

Tgt Ion:163 Resp: 354325

Ion	Ratio	Lower	Upper
163	100		
194	2.7	4.4	6.6#
164	10.5	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
SB-88-0.5-1.0

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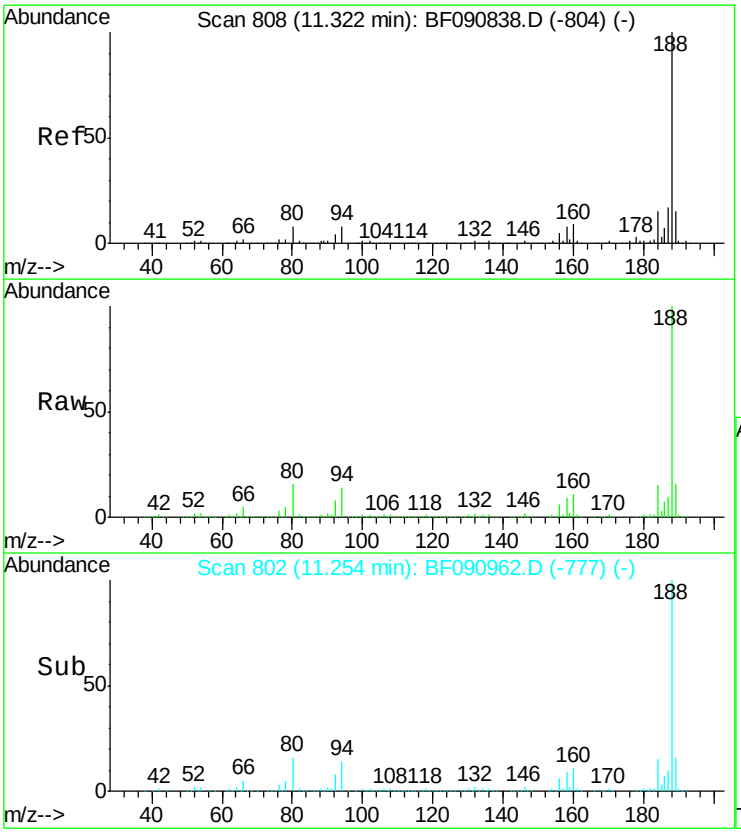
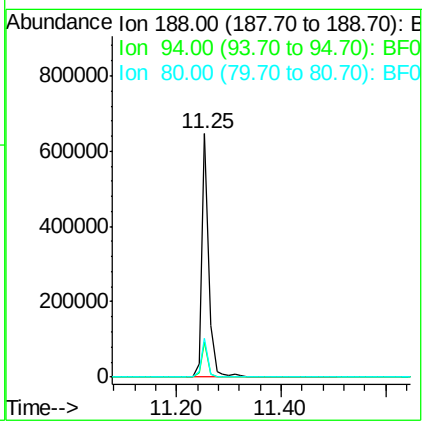
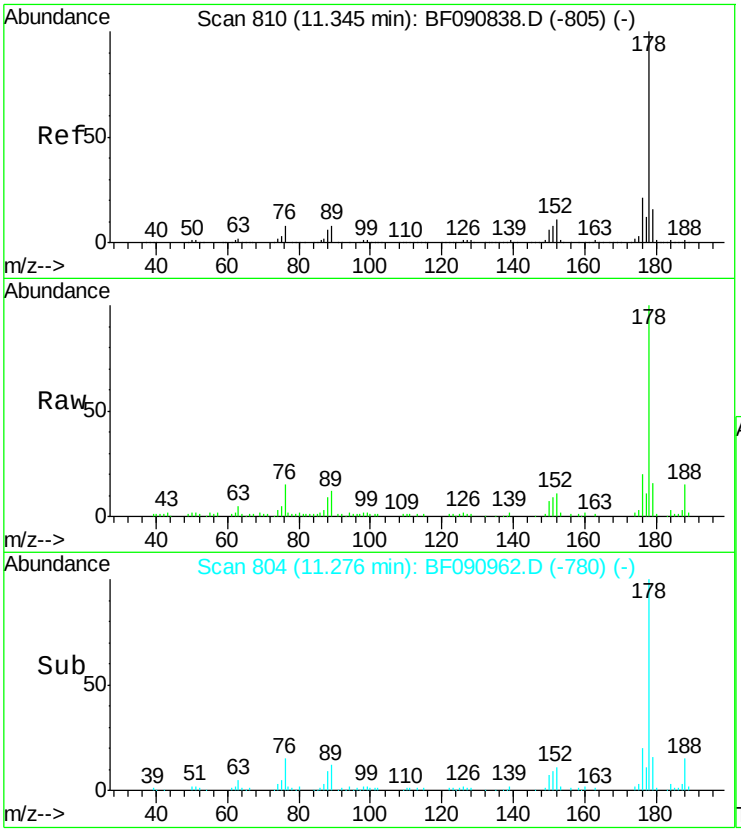


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF090962.D
Acq: 1 Nov 2016 20:27

Tgt Ion:188 Resp: 599824

Ion	Ratio	Lower	Upper
188	100		
94	14.3	11.1	16.7
80	16.1	11.0	16.4

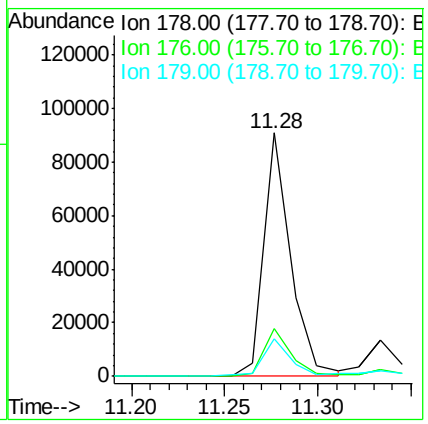




#70
Phenanthrene
Concen: 2.96 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF090962.D
Acq: 1 Nov 2016 20:27

Tgt Ion:178 Resp: 90277

Ion	Ratio	Lower	Upper
178	100		
176	19.8	13.8	20.8
179	15.5	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
SB-88-0.5-1.0

Manual Integrations APPROVED
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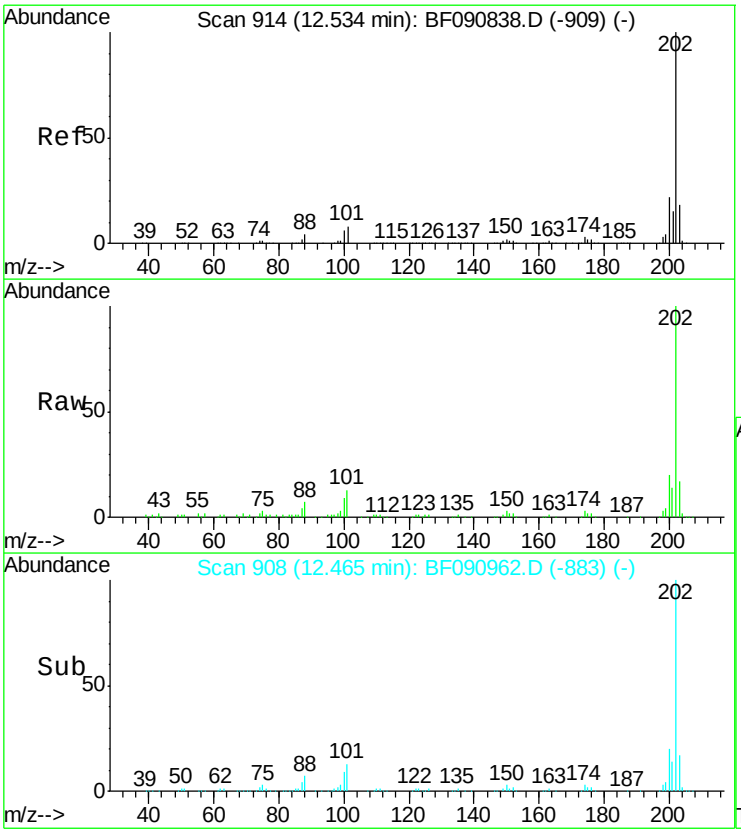
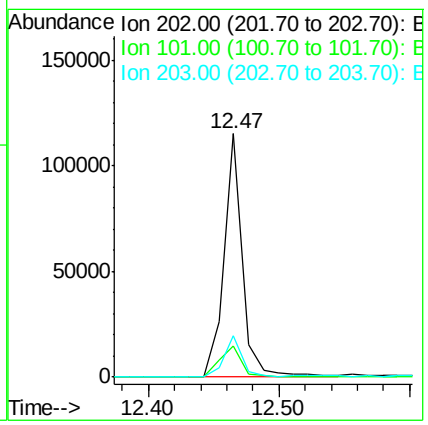
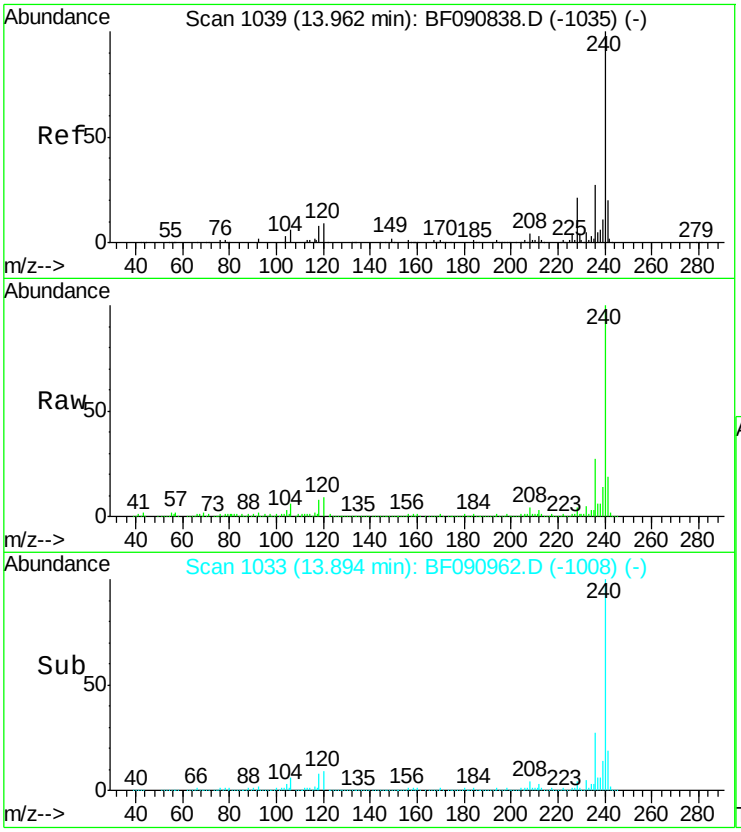


#74
Fluoranthene
Concen: 3.42 ng
RT: 12.47 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF090962.D
Acq: 1 Nov 2016 20:27

Tgt Ion:202 Resp: 114282

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	38.3
203	17.0	0.0	37.3

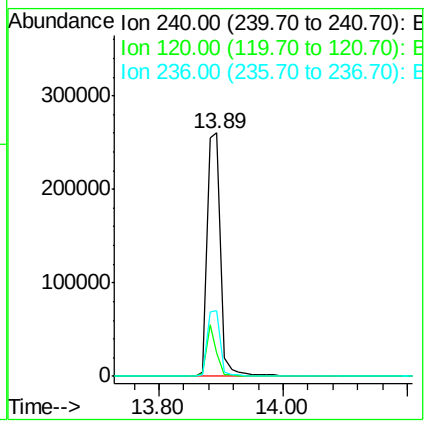




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF090962.D
Acq: 1 Nov 2016 20:27

Tgt Ion:240 Resp: 390829

Ion	Ratio	Lower	Upper
240	100		
120	9.4	16.2	24.2#
236	27.2	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
SB-88-0.5-1.0

Manual Integrations APPROVED
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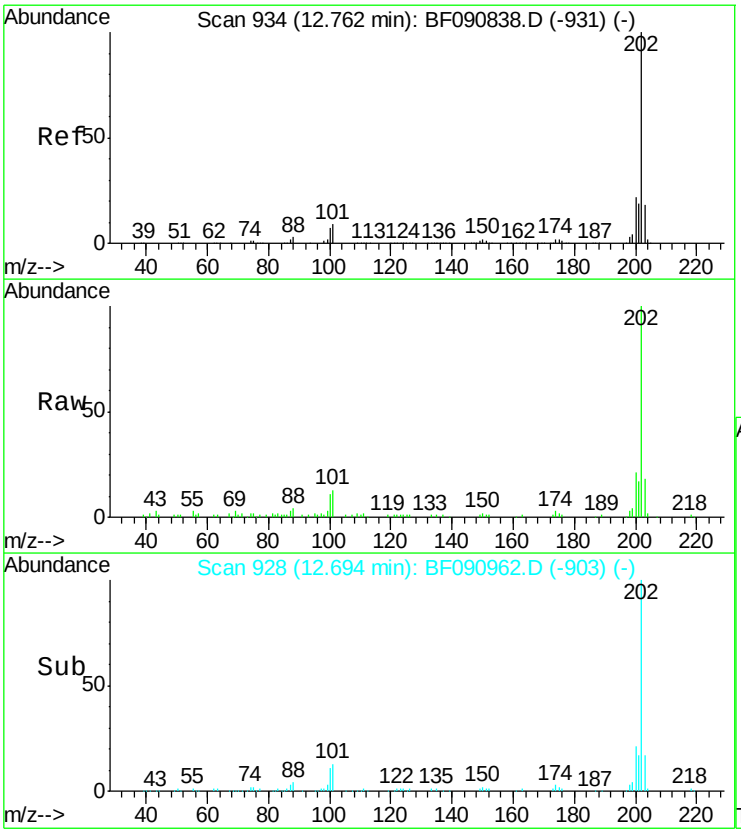
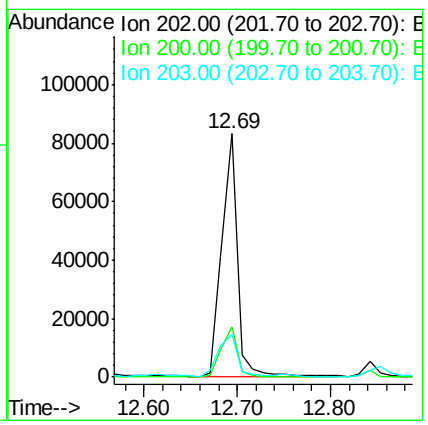
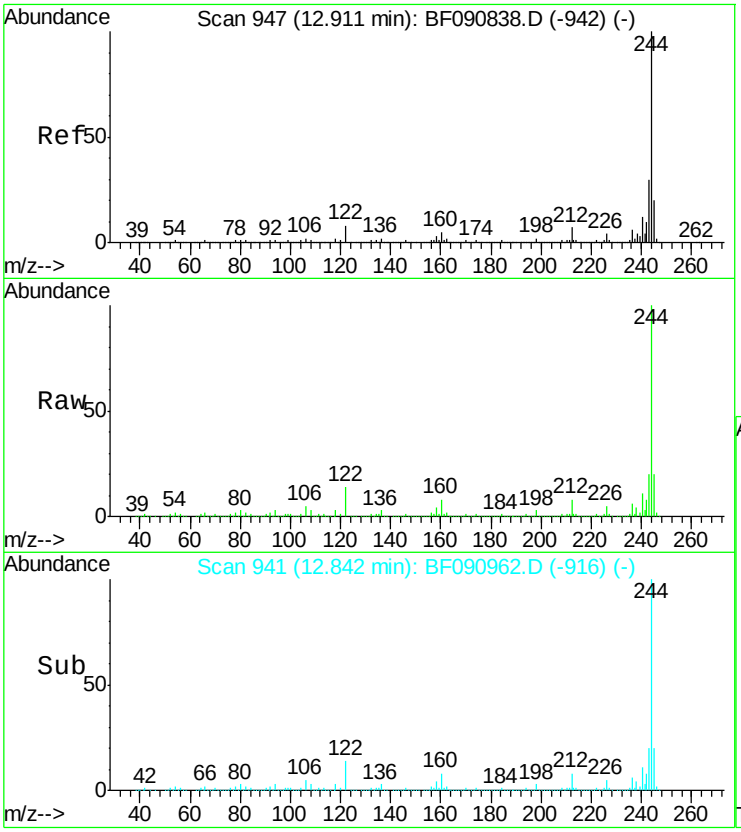


#77
Pyrene
Concen: 3.87 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF090962.D
Acq: 1 Nov 2016 20:27

Tgt Ion:202 Resp: 95701

Ion	Ratio	Lower	Upper
202	100		
200	20.8	15.0	22.4
203	17.7	14.1	21.1

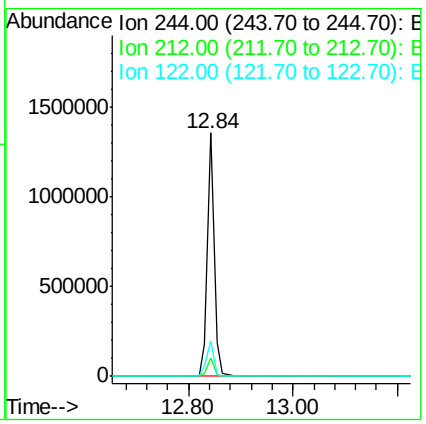




#78
Terphenyl-d14
Concen: 78.53 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF090962.D
Acq: 1 Nov 2016 20:27

Tgt Ion:244 Resp: 1218208

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	14.3	17.4	26.2#



Instrument :
BNA_F
ClientSampleId :
SB-88-0.5-1.0

Manual Integrations APPROVED
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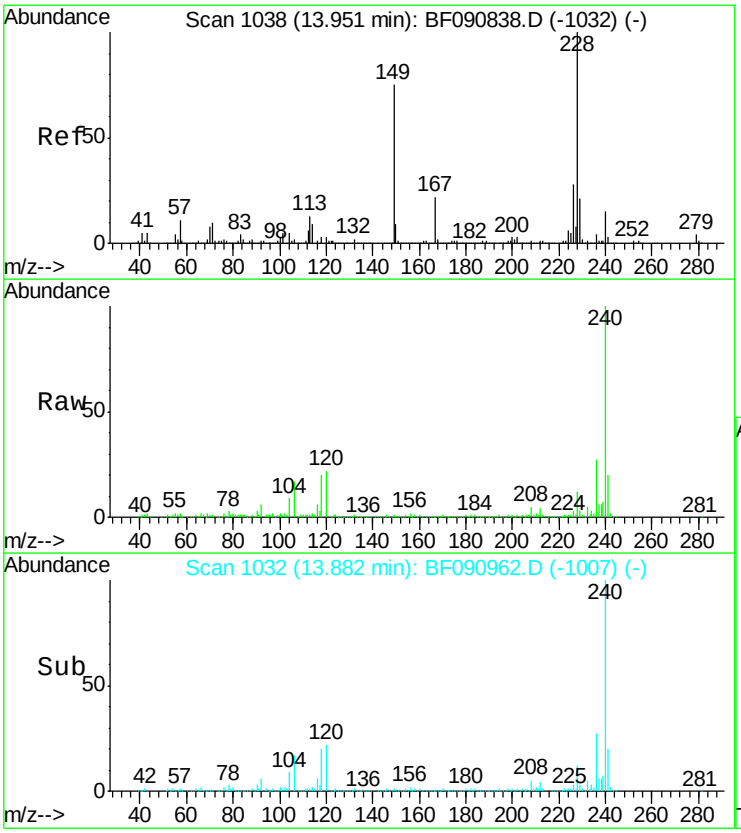
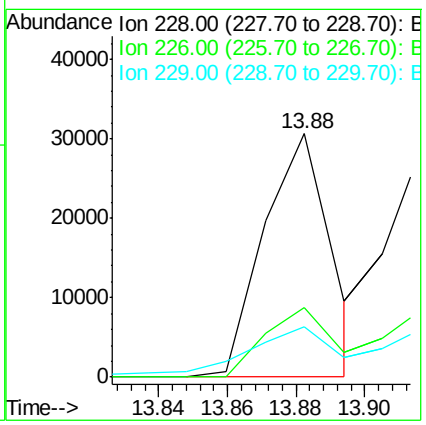
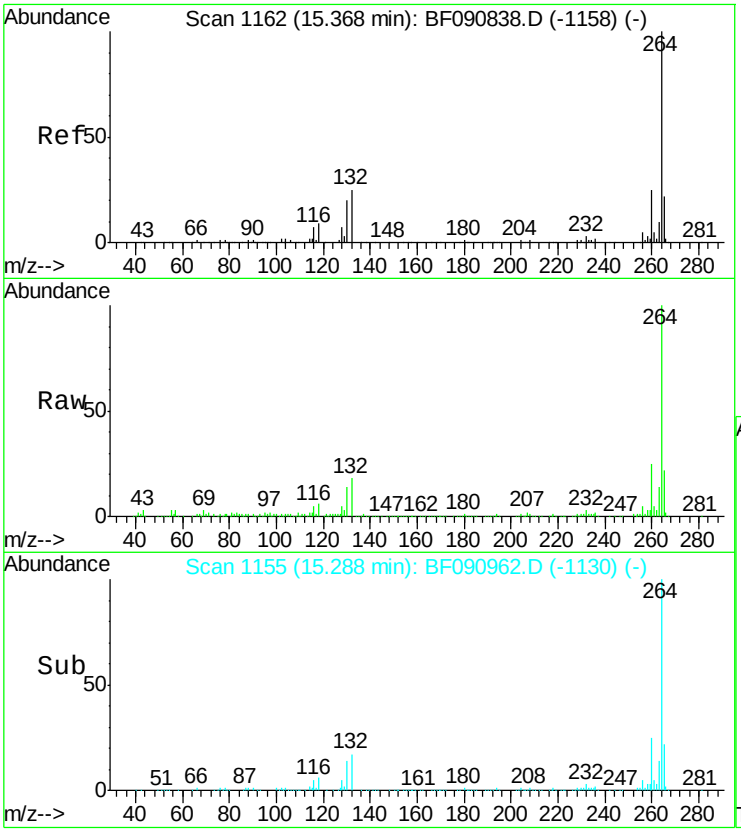


#80
Benzo(a)anthracene
Concen: 2.01 ng m
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF090962.D
Acq: 1 Nov 2016 20:27

Tgt Ion:228 Resp: 41624

Ion	Ratio	Lower	Upper
228	100		
226	28.6	20.0	30.0
229	20.9	15.4	23.2

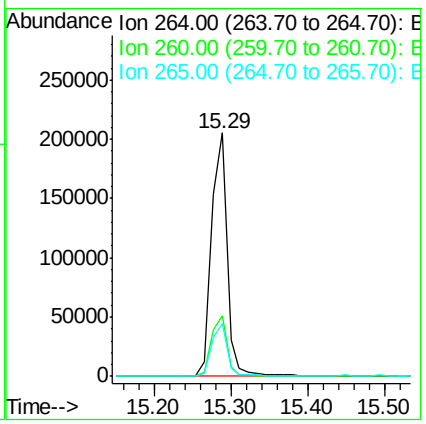




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF090962.D
Acq: 1 Nov 2016 20:27

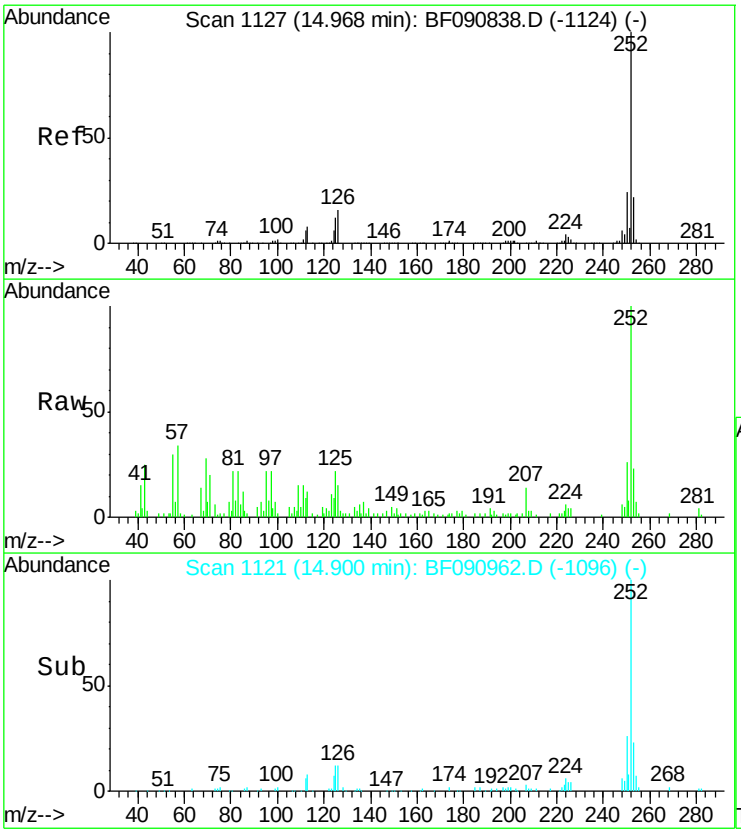
Tgt Ion:264 Resp: 290071

Ion	Ratio	Lower	Upper
264	100		
260	24.8	16.7	25.1
265	21.9	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
SB-88-0.5-1.0

Manual Integrations APPROVED
Umangi
11/2/2016 5:42:11 PM



#87
Benzo(b)fluoranthene
Concen: 2.02 ng m
RT: 14.90 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF090962.D
Acq: 1 Nov 2016 20:27

Tgt Ion:252 Resp: 39356

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	21.6	17.1	25.7