Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090988.D
Acq On : 2 Nov 2016 19:07
Operator : UM/SJ
Sample : H5506-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-COMP1

Manual Integrations APPROVED
Umangi
11/3/2016 7:12:47 PM

Quant Time: Nov 03 01:31:34 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	6.72	152	171391	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	681093	20.00	ng	-0.03
38) Acenaphthene-d10	9.76	164	360949	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	569796	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	377151	20.00	ng	-0.02
86) Perylene-d12	15.28	264	325737	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1168617	119.21	ng	-0.01
7) Phenol-d6	6.37	99	1642809	124.22	ng	-0.02
23) Nitrobenzene-d5	7.29	82	871893	83.80	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	401283	108.18	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1725002	83.92	ng	-0.02
78) Terphenyl-d14	12.83	244	1278119	85.38	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	479996	19.90	ng	# 97
70) Phenanthrene	11.26	178	63360	2.18	ng	97
74) Fluoranthene	12.45	202	168567	5.30	ng	89
77) Pyrene	12.68	202	137420	5.76	ng	96
80) Benzo(a)anthracene	13.87	228	80503m	4.02	ng	
82) Chrysene	13.91	228	60469m	2.99	ng	
83) Bis(2-ethylhexyl)phthalate	13.87	149	47938	3.40	ng	# 91
87) Benzo(b)fluoranthene	14.89	252	80481m	3.67	ng	

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090988.D
Acq On : 2 Nov 2016 19:07
Operator : UM/SJ
Sample : H5506-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 03 01:31:34 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

Instrument :
BNA_F
ClientSampleId :
TEC-COMP1

Manual Integrations APPROVED
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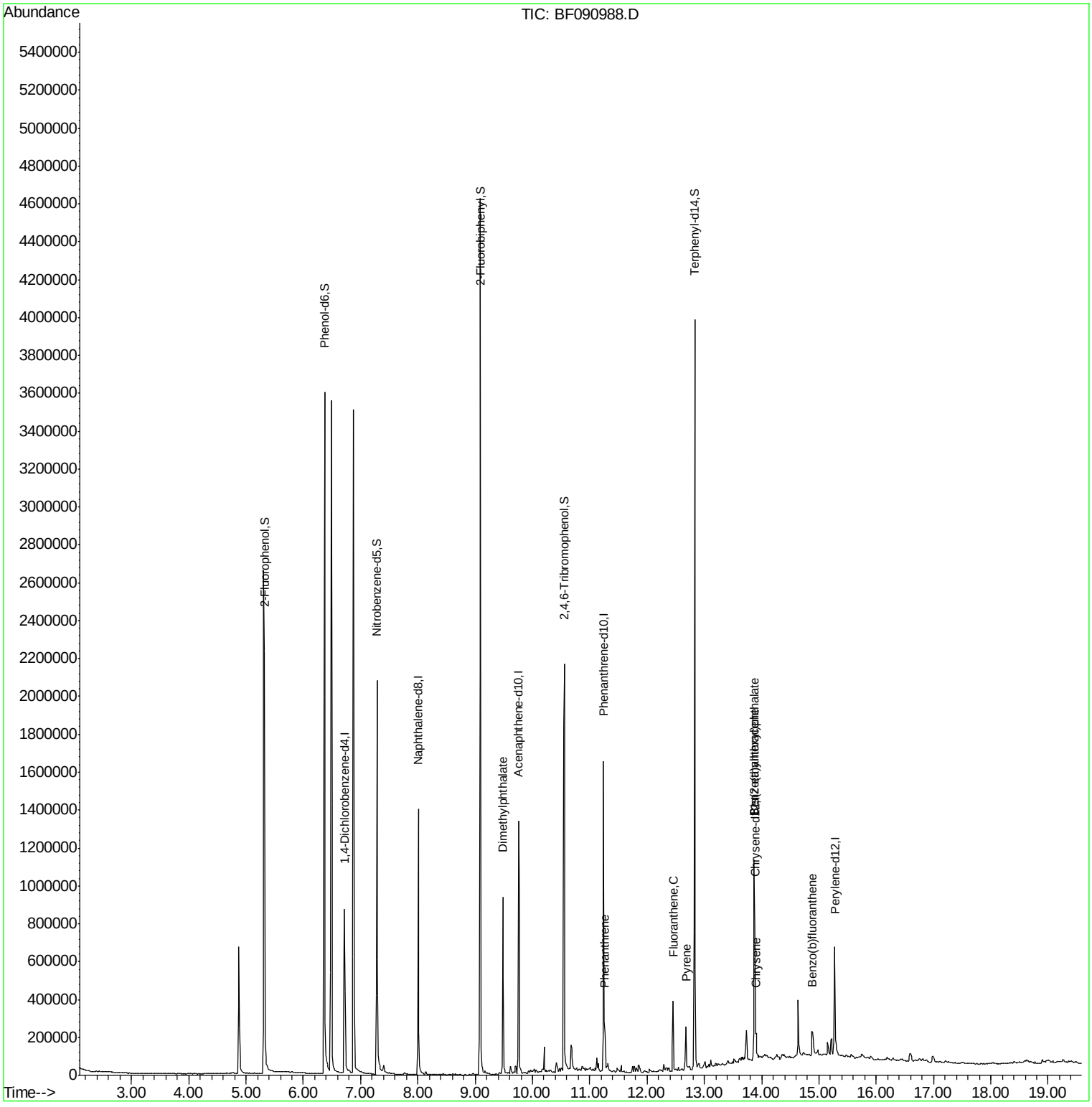
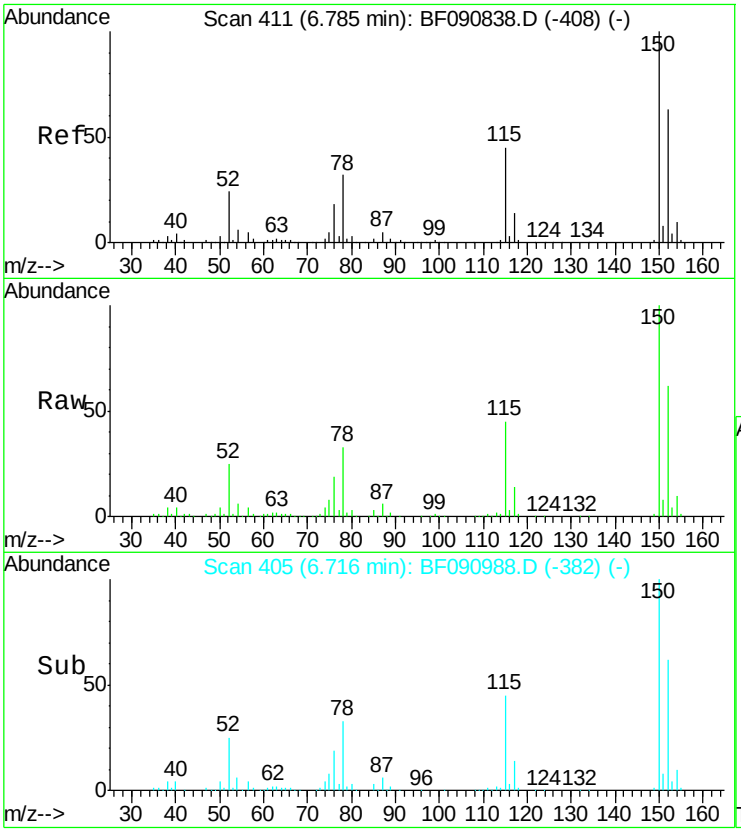
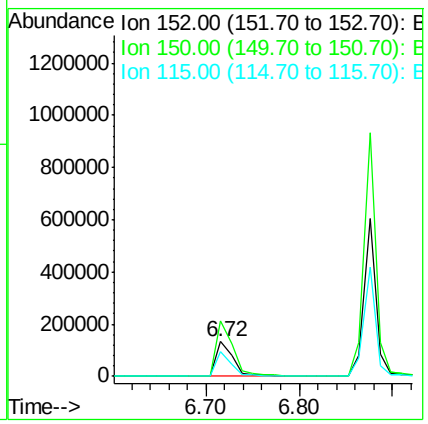




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.03 min
Lab File: BF090988.D
Acq: 2 Nov 2016 19:07

Tgt Ion:152 Resp: 171391

Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.7	187.1
115	71.5	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
TEC-COMP1

Manual Integrations APPROVED
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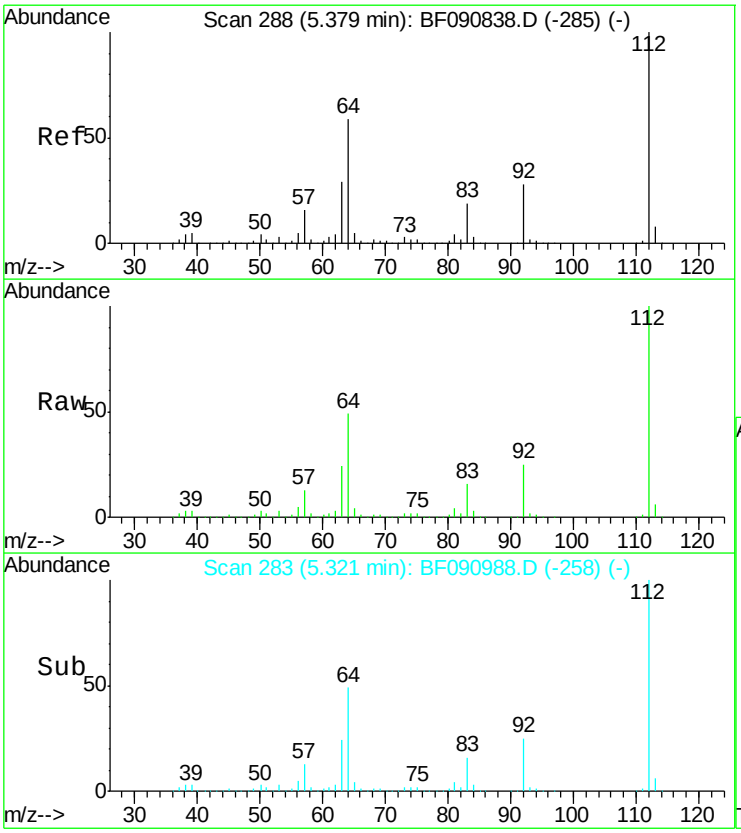
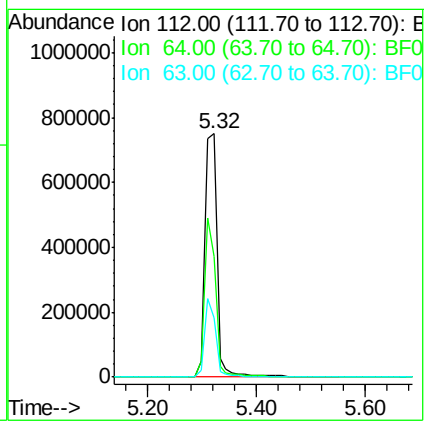
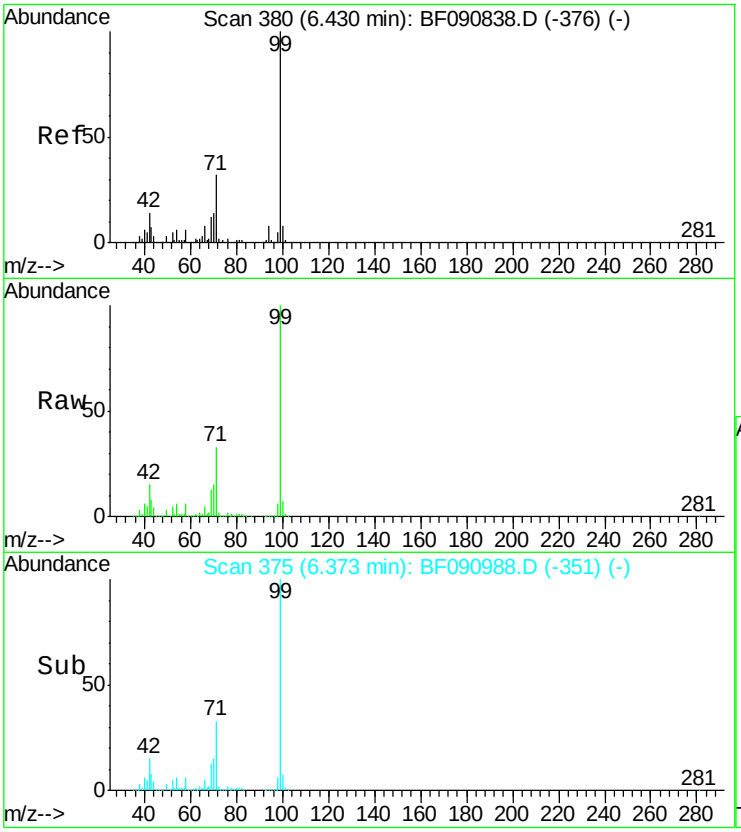


#5
2-Fluorophenol
Concen: 119.21 ng
RT: 5.32 min Scan# 283
Delta R.T. -0.01 min
Lab File: BF090988.D
Acq: 2 Nov 2016 19:07

Tgt Ion:112 Resp: 1168617

Ion	Ratio	Lower	Upper
112	100		
64	49.4	39.7	59.5
63	24.4	17.4	26.0

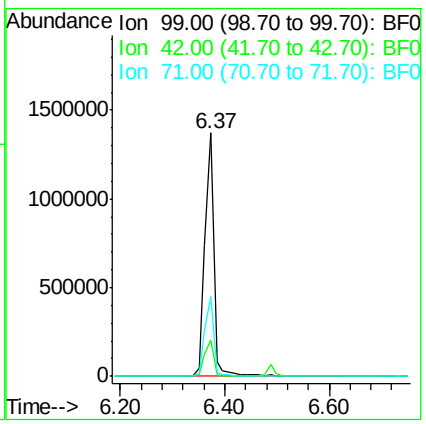




#7
Phenol-d6
Concen: 124.22 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.02 min
Lab File: BF090988.D
Acq: 2 Nov 2016 19:07

Tgt Ion: 99 Resp: 1642809

Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.7	20.5
71	32.8	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
TEC-COMP1

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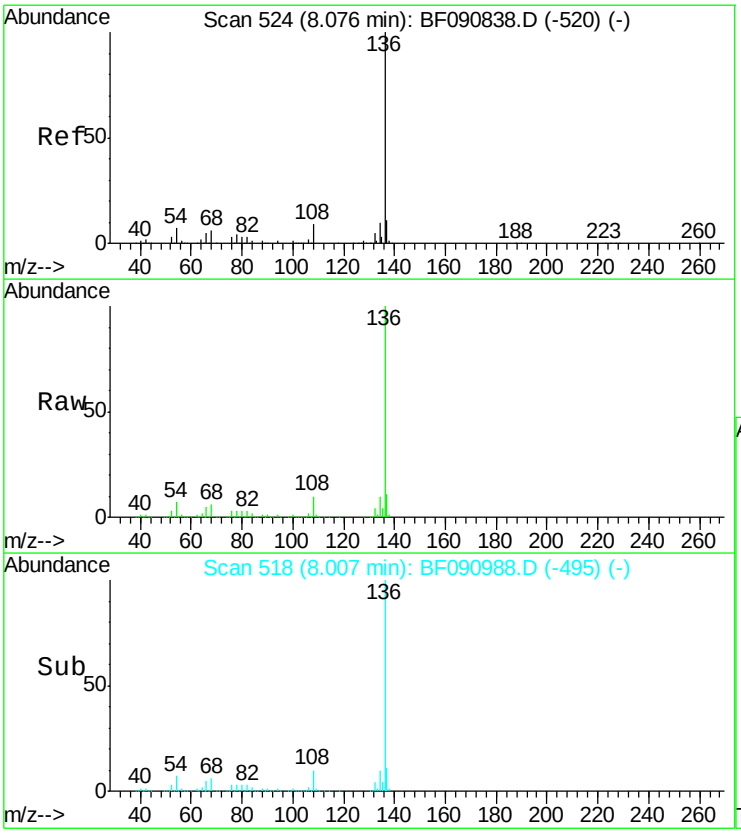
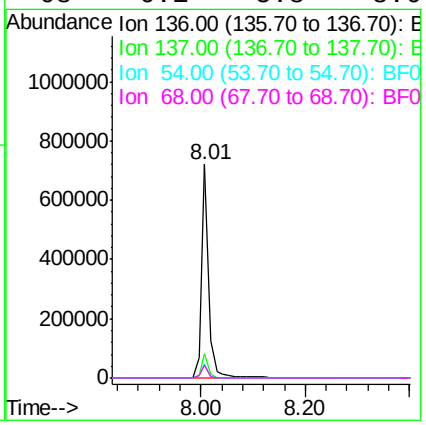
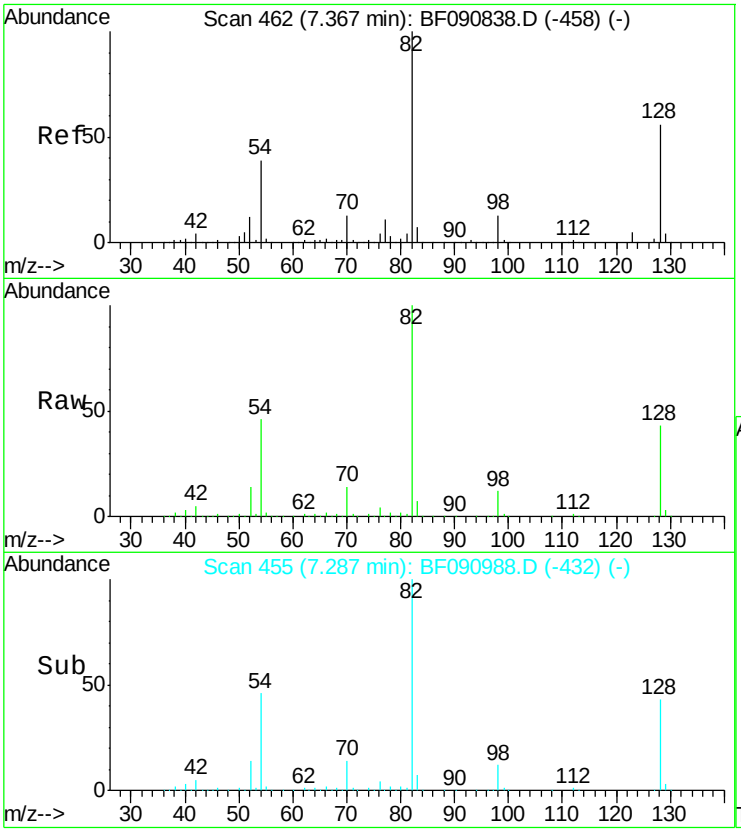


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF090988.D
Acq: 2 Nov 2016 19:07

Tgt Ion:136 Resp: 681093

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	6.5	8.2	12.2#
68	6.1	5.8	8.6

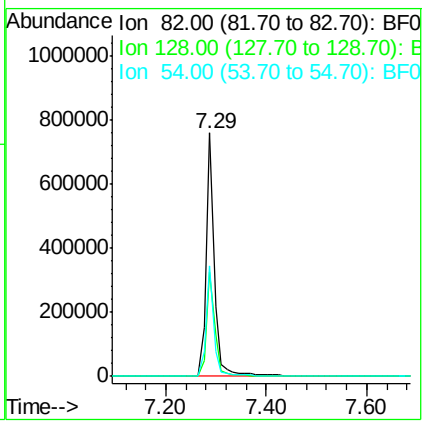




#23
Nitrobenzene-d5
Concen: 83.80 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF090988.D
Acq: 2 Nov 2016 19:07

Tgt Ion: 82 Resp: 871893

Ion	Ratio	Lower	Upper
82	100		
128	42.7	51.0	76.6#
54	45.6	47.5	71.3#



Instrument :
BNA_F
ClientSampleId :
TEC-COMP1

Manual Integrations APPROVED
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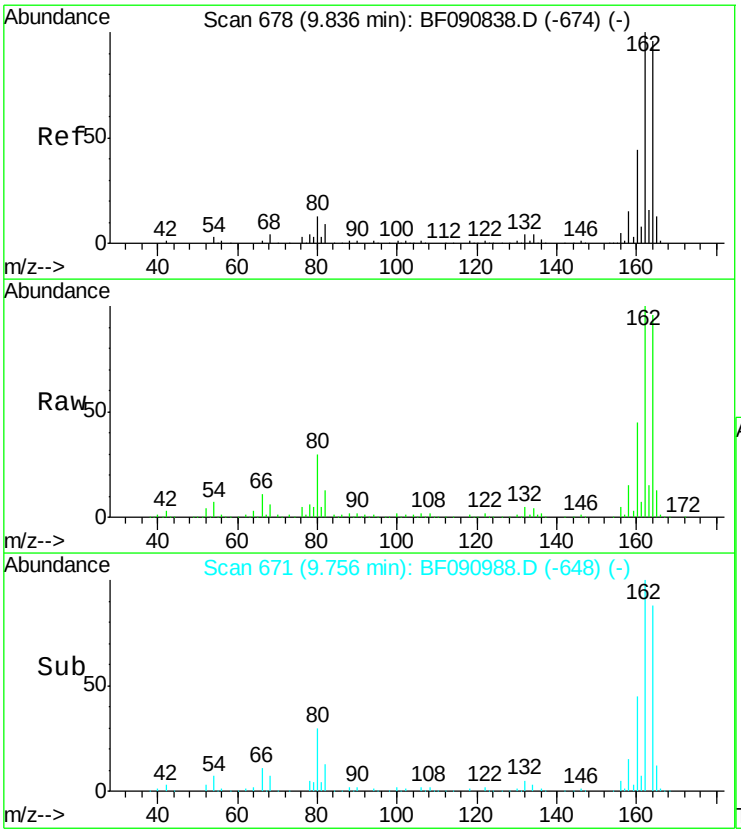
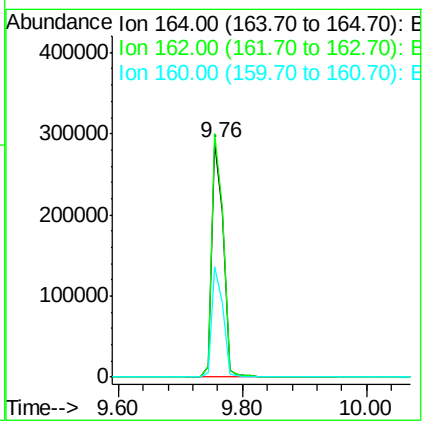
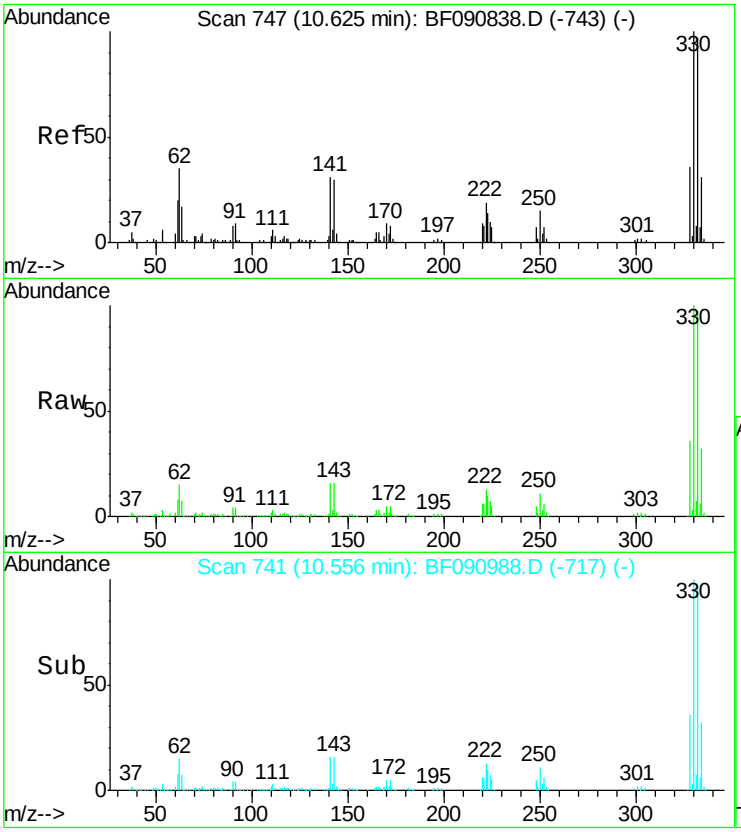


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF090988.D
Acq: 2 Nov 2016 19:07

Tgt Ion:164 Resp: 360949

Ion	Ratio	Lower	Upper
164	100		
162	103.8	75.2	112.8
160	47.0	31.5	47.3

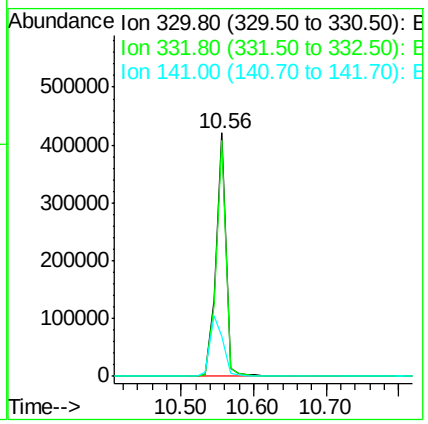




#41
2,4,6-Tribromophenol
Concen: 108.18 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF090988.D
Acq: 2 Nov 2016 19:07

Tgt Ion:330 Resp: 401283

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	33.1	29.7	44.5



Instrument :
BNA_F
ClientSampleId :
TEC-COMP1

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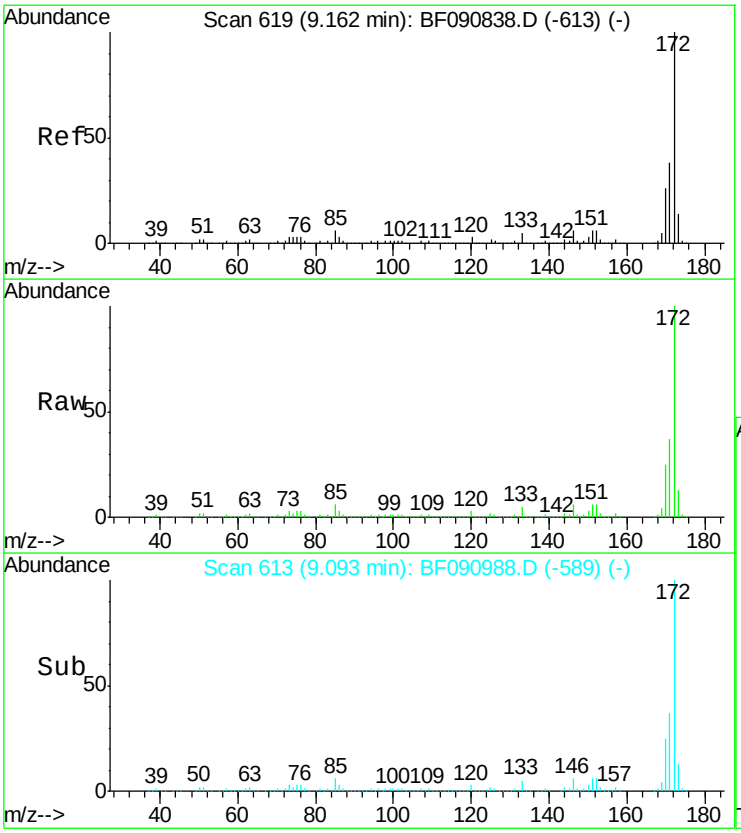
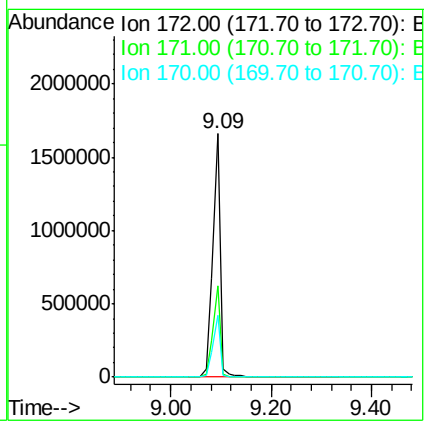
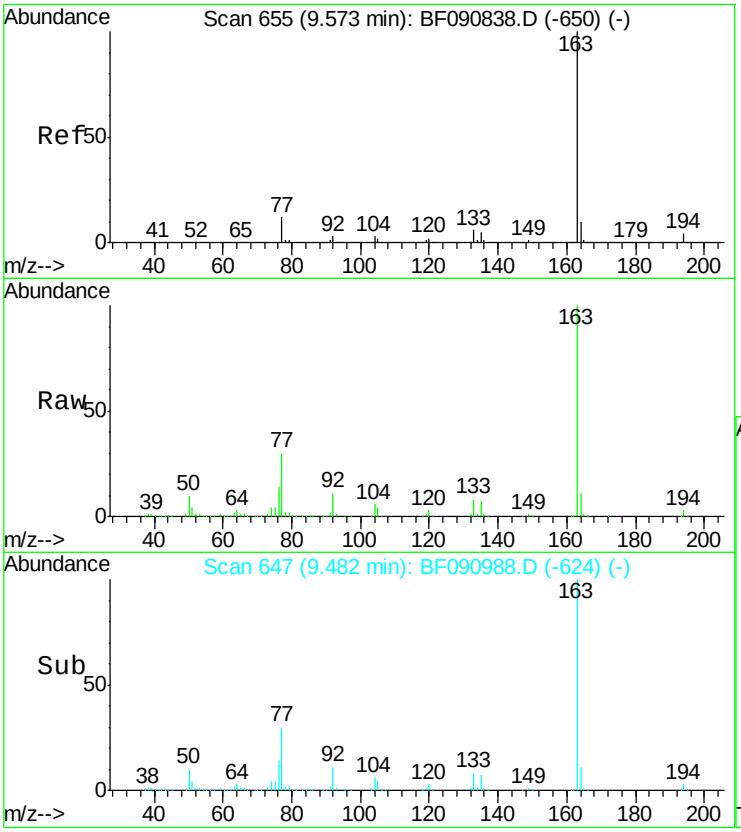


#44
2-Fluorobiphenyl
Concen: 83.92 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF090988.D
Acq: 2 Nov 2016 19:07

Tgt Ion:172 Resp: 1725002

Ion	Ratio	Lower	Upper
172	100		
171	37.3	26.1	39.1
170	25.2	17.4	26.2

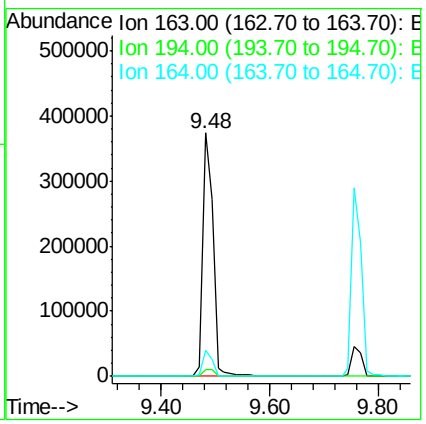




#49
Dimethylphthalate
Concen: 19.90 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.03 min
Lab File: BF090988.D
Acq: 2 Nov 2016 19:07

Tgt Ion:163 Resp: 479996

Ion	Ratio	Lower	Upper
163	100		
194	3.0	4.4	6.6#
164	10.7	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
TEC-COMP1

Manual Integrations APPROVED
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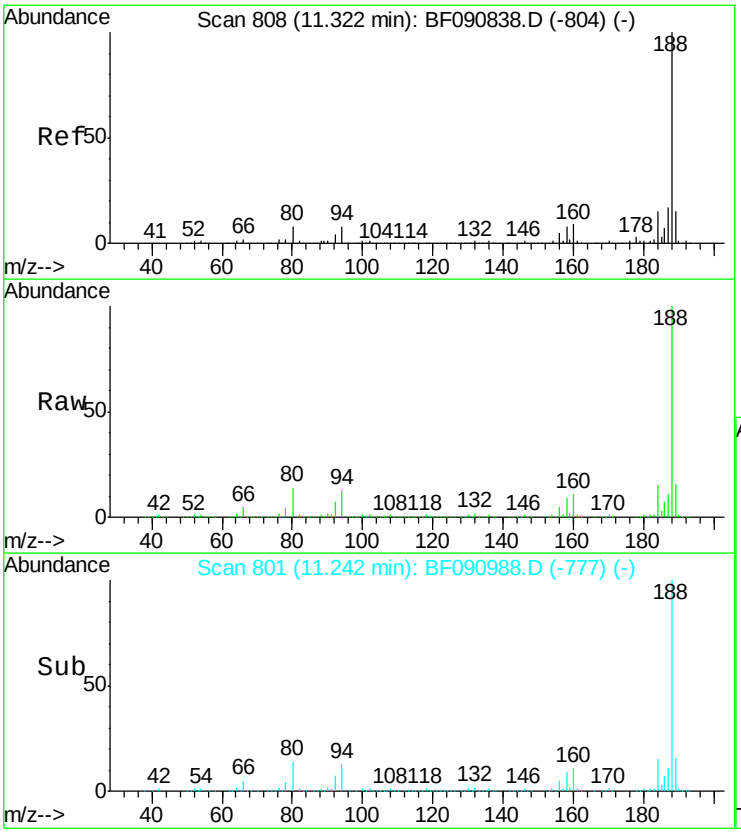
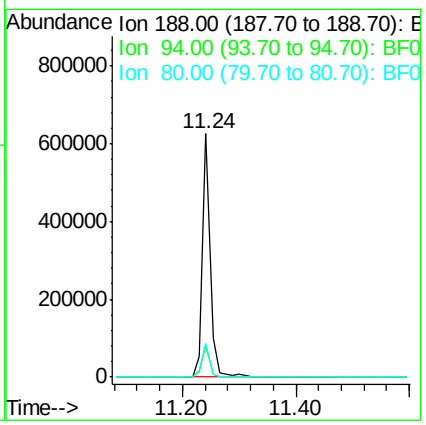
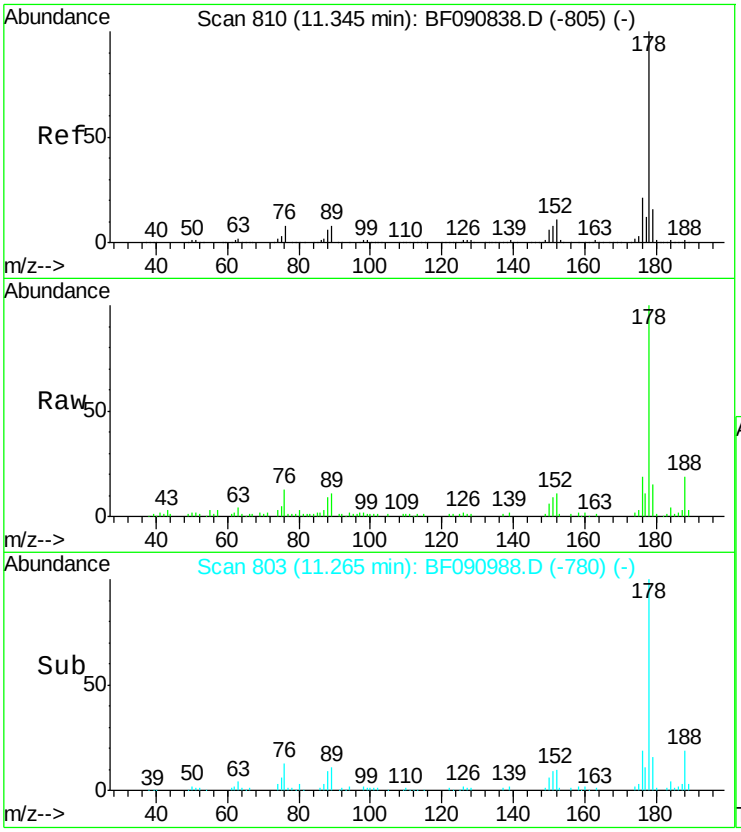


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF090988.D
Acq: 2 Nov 2016 19:07

Tgt Ion:188 Resp: 569796

Ion	Ratio	Lower	Upper
188	100		
94	12.5	11.1	16.7
80	14.1	11.0	16.4

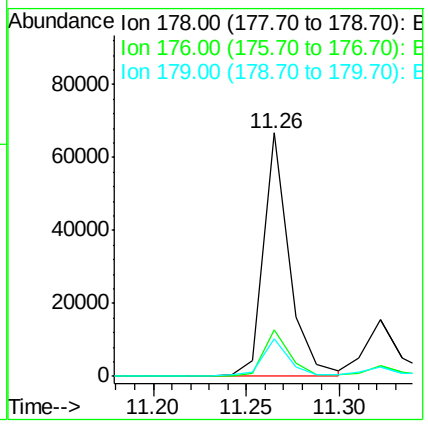




#70
Phenanthrene
Concen: 2.18 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF090988.D
Acq: 2 Nov 2016 19:07

Tgt Ion:178 Resp: 63360

Ion	Ratio	Lower	Upper
178	100		
176	19.3	13.8	20.8
179	15.5	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
TEC-COMP1

Manual Integrations APPROVED
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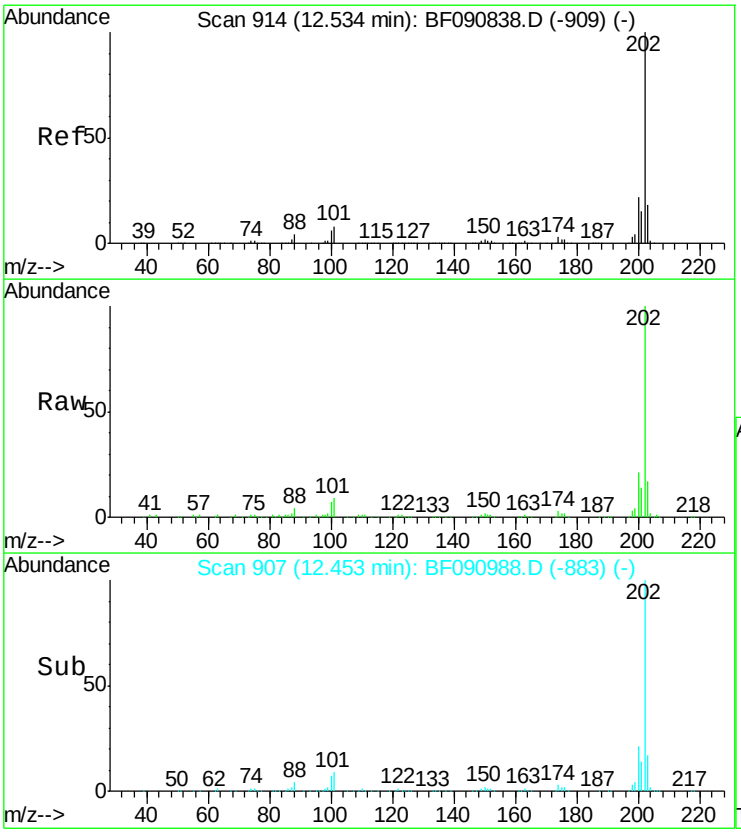
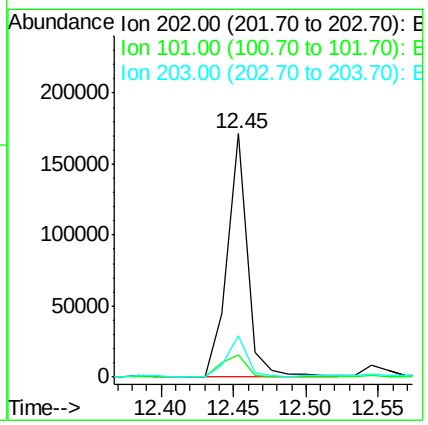
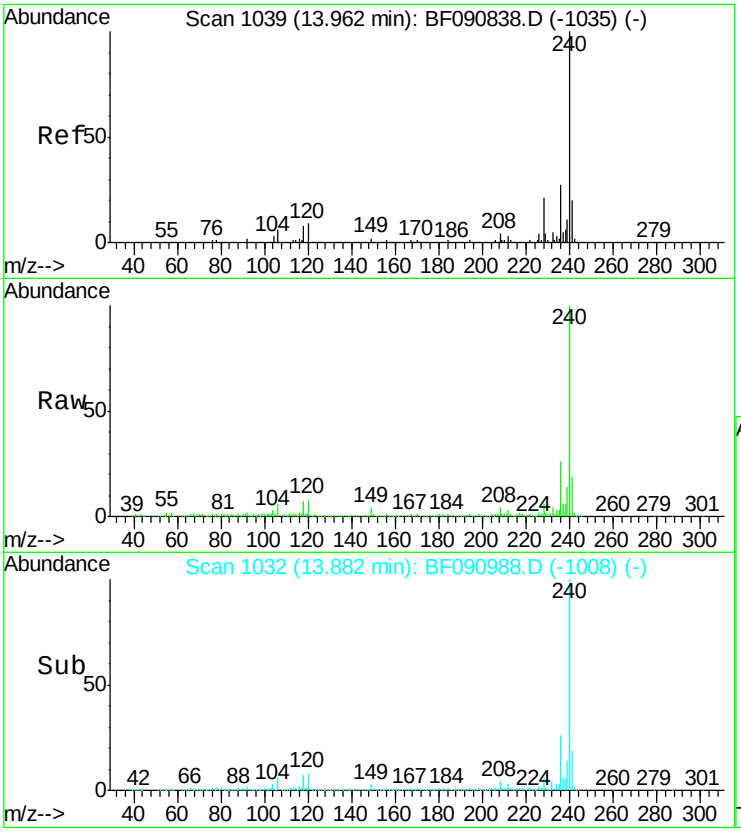


#74
Fluoranthene
Concen: 5.30 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF090988.D
Acq: 2 Nov 2016 19:07

Tgt Ion:202 Resp: 168567

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	38.3
203	17.2	0.0	37.3

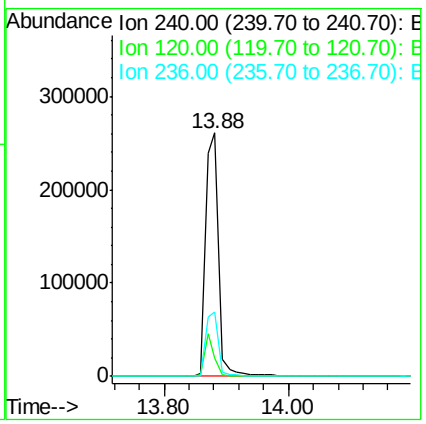




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF090988.D
Acq: 2 Nov 2016 19:07

Tgt Ion:240 Resp: 377151

Ion	Ratio	Lower	Upper
240	100		
120	7.8	16.2	24.2#
236	26.4	18.4	27.6



Instrument :
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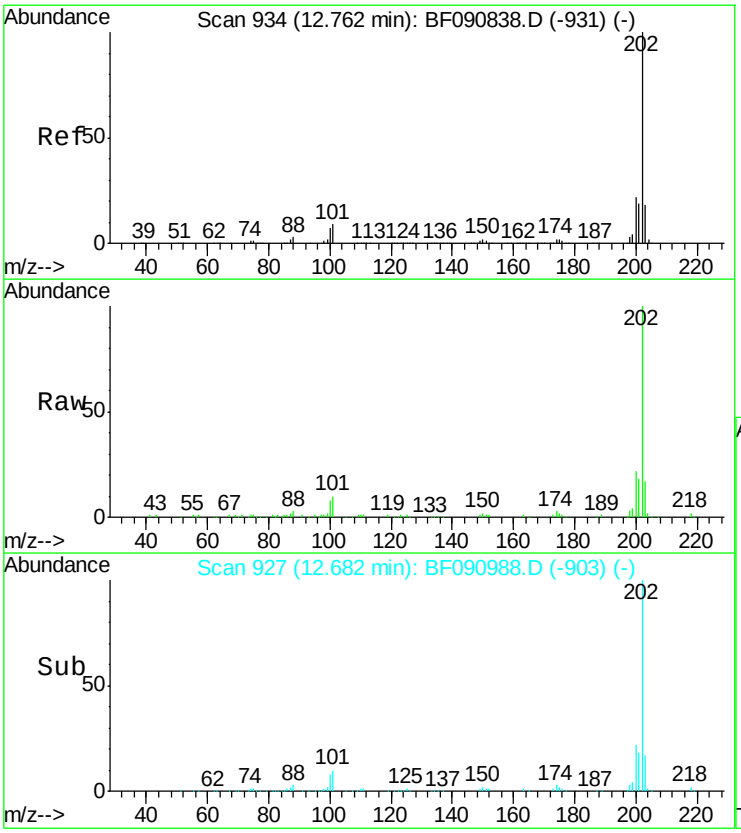
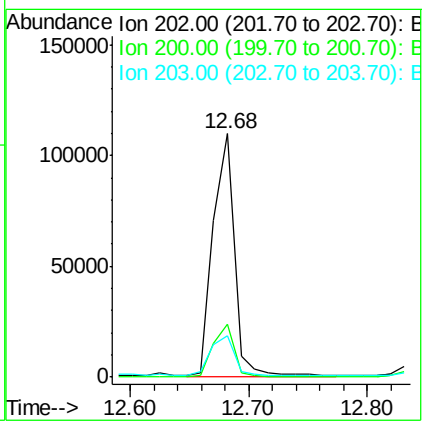
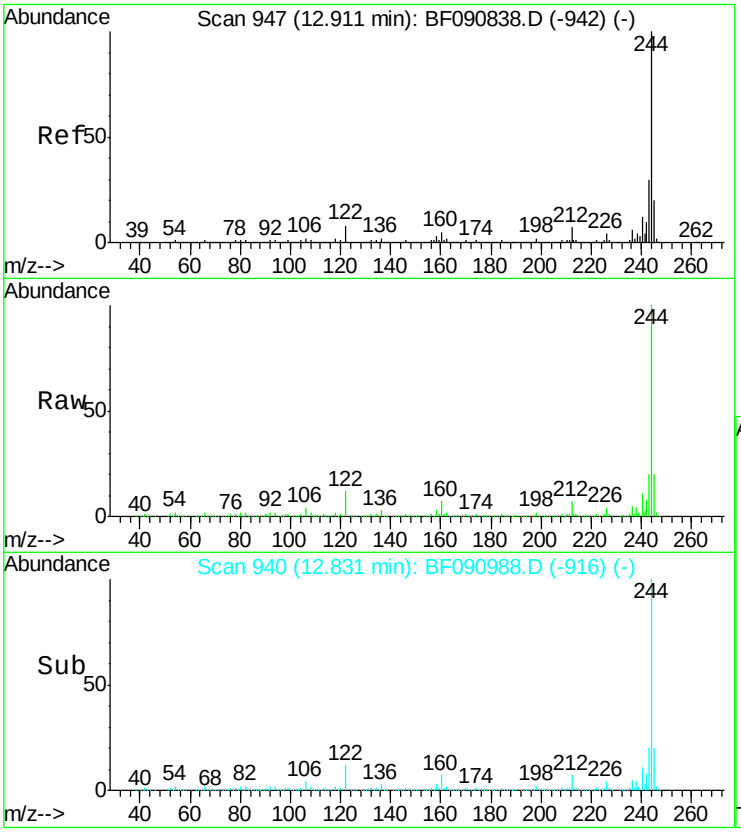


#77
Pyrene
Concen: 5.76 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF090988.D
Acq: 2 Nov 2016 19:07

Tgt Ion:202 Resp: 137420

Ion	Ratio	Lower	Upper
202	100		
200	21.6	15.0	22.4
203	17.2	14.1	21.1

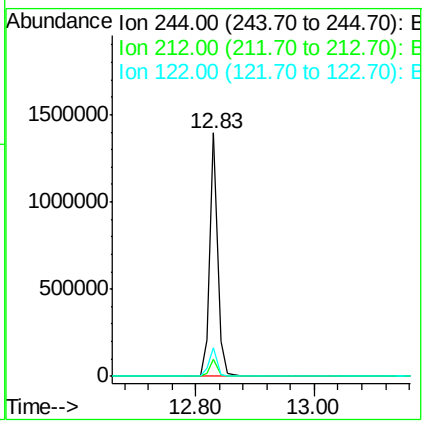




#78
Terphenyl-d14
Concen: 85.38 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF090988.D
Acq: 2 Nov 2016 19:07

Tgt Ion:244 Resp: 1278119

Ion	Ratio	Lower	Upper
244	100		
212	6.9	4.3	6.5#
122	11.5	17.4	26.2#



Instrument :
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ClientSampleId :
TEC-COMP1

Manual Integrations APPROVED
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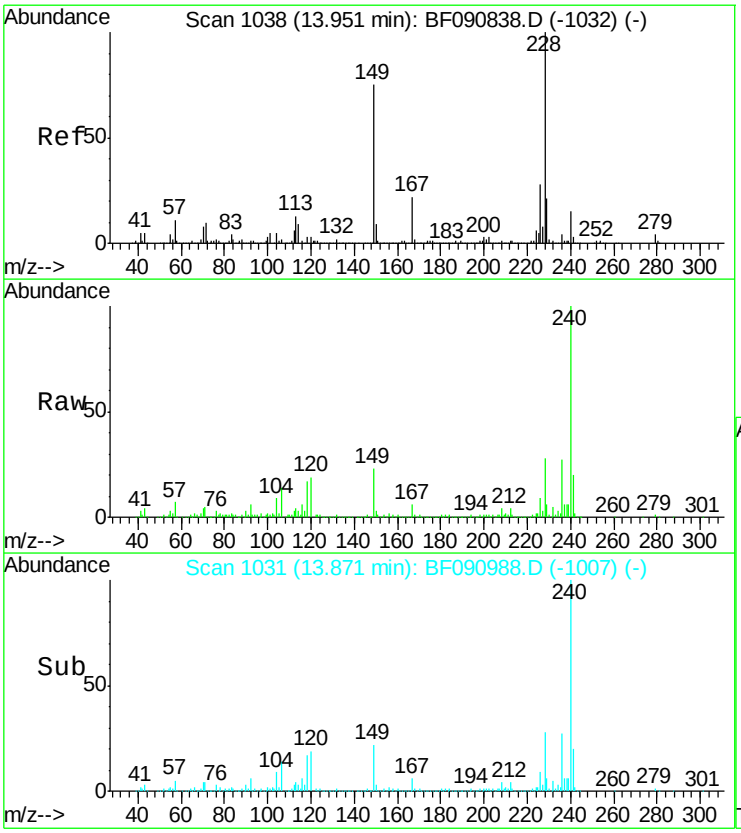
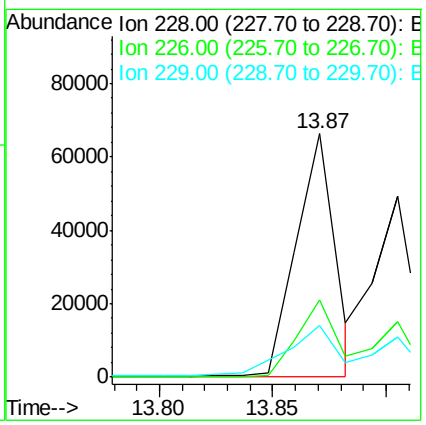
11/3/2016 7:12:47 PM

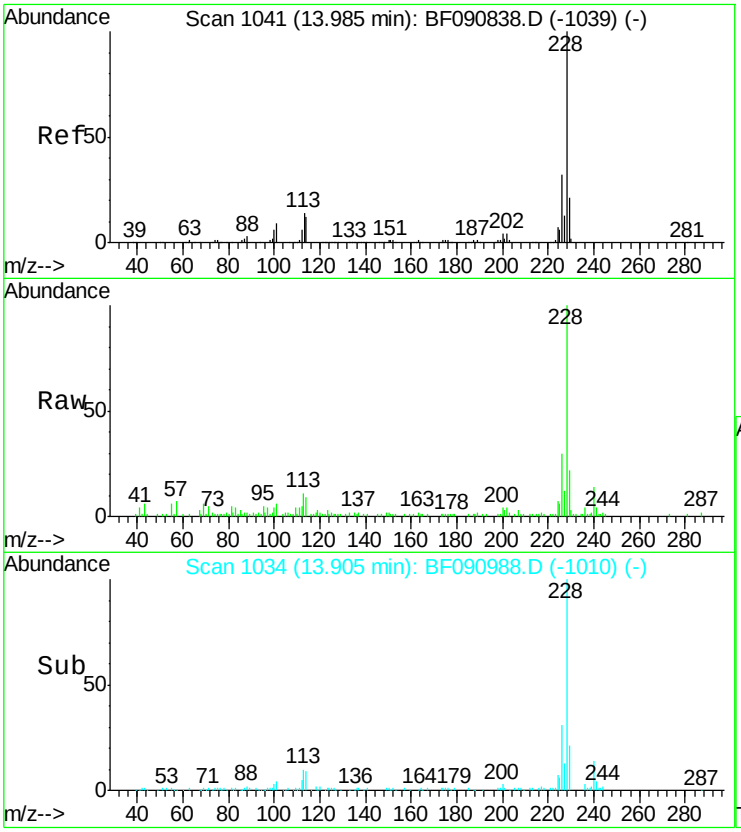


#80
Benzo(a)anthracene
Concen: 4.02 ng m
RT: 13.87 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF090988.D
Acq: 2 Nov 2016 19:07

Tgt Ion:228 Resp: 80503

Ion	Ratio	Lower	Upper
228	100		
226	31.6	20.0	30.0#
229	21.3	15.4	23.2

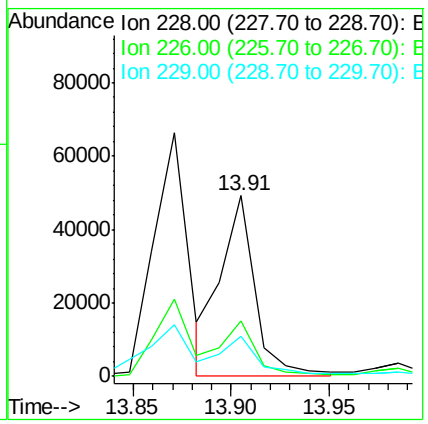




#82
Chrysene
Concen: 2.99 ng m
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF090988.D
Acq: 2 Nov 2016 19:07

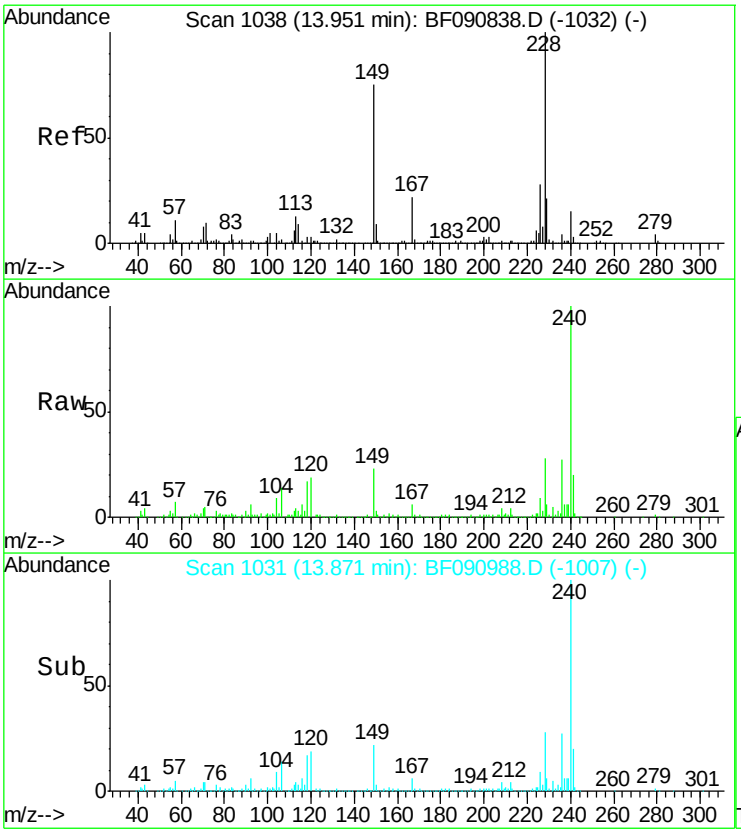
Tgt Ion:228 Resp: 60469

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.0	31.4
229	21.9	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
TEC-COMP1

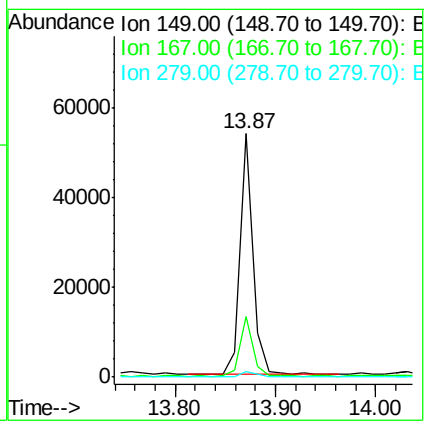
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:47 PM

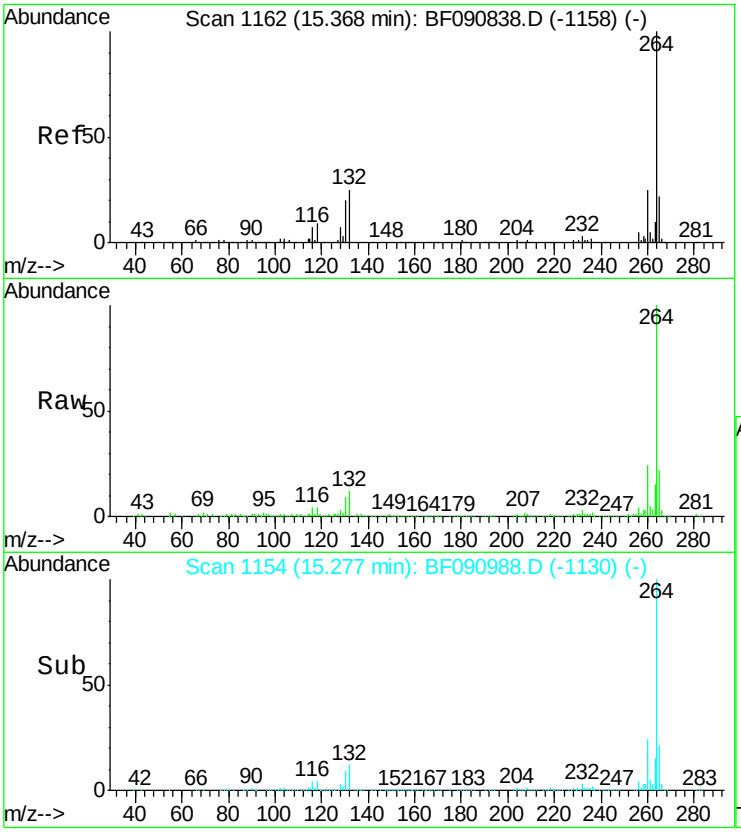


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.40 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF090988.D
Acq: 2 Nov 2016 19:07

Tgt Ion:149 Resp: 47938

Ion	Ratio	Lower	Upper
149	100		
167	25.1	24.2	36.2
279	2.4	3.8	5.6#





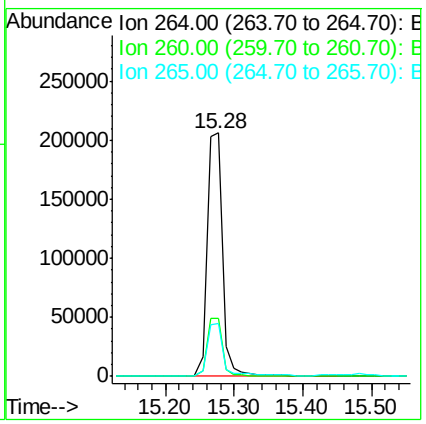
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF090988.D
Acq: 2 Nov 2016 19:07

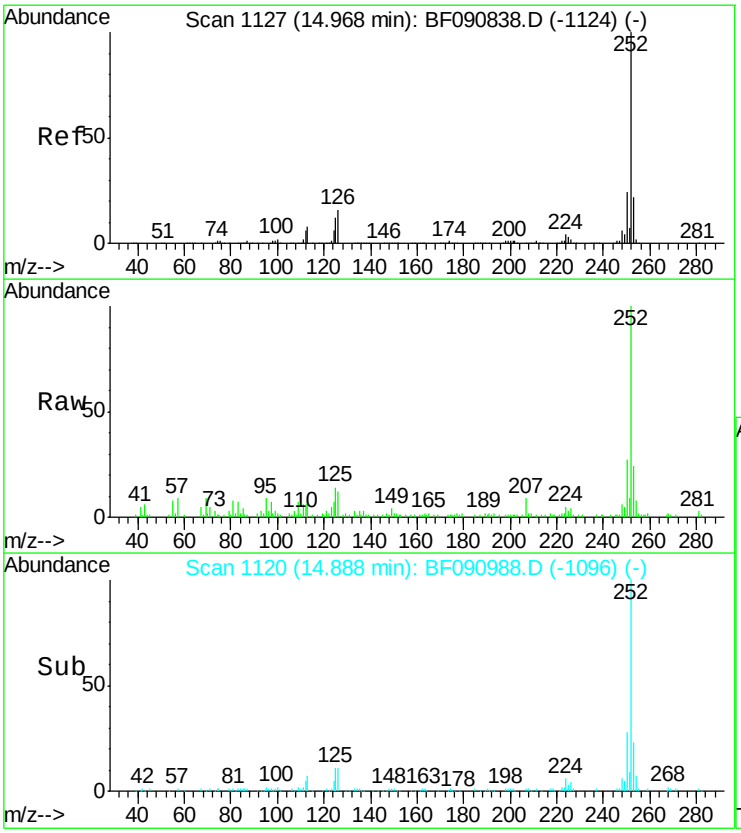
Tgt Ion:264 Resp: 325737

Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.6	17.2	25.8

Instrument :
BNA_F
ClientSampleId :
TEC-COMP1

Manual Integrations APPROVED
Umangi
11/3/2016 7:12:47 PM





#87
Benzo(b)fluoranthene
Concen: 3.67 ng m
RT: 14.89 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF090988.D
Acq: 2 Nov 2016 19:07

Tgt Ion:252 Resp: 80481

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	13.5	17.1	25.7#