Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090965.D
Acq On : 1 Nov 2016 21:49
Operator : UM/SJ
Sample : H5463-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

Manual Integrations APPROVED
Umangi
11/2/2016 5:42:04 PM

Quant Time: Nov 02 01:58:11 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	173441	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	746297	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	391979	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	545376	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	342409	20.00	ng	-0.01
86) Perylene-d12	15.29	264	309678	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	847696	85.45	ng	0.00
7) Phenol-d6	6.38	99	1246284	93.12	ng	-0.01
23) Nitrobenzene-d5	7.30	82	704400	61.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	156447	38.84	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1350576	60.50	ng	-0.01
78) Terphenyl-d14	12.84	244	963056	70.86	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.40	94	36140	2.45	ng	# 65
49) Dimethylphthalate	9.49	163	234169	8.94	ng	# 97
77) Pyrene	12.69	202	49394m	2.28	ng	
91) Benzo(g,h,i)perylene	17.01	276	40297	2.82	ng	# 84

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

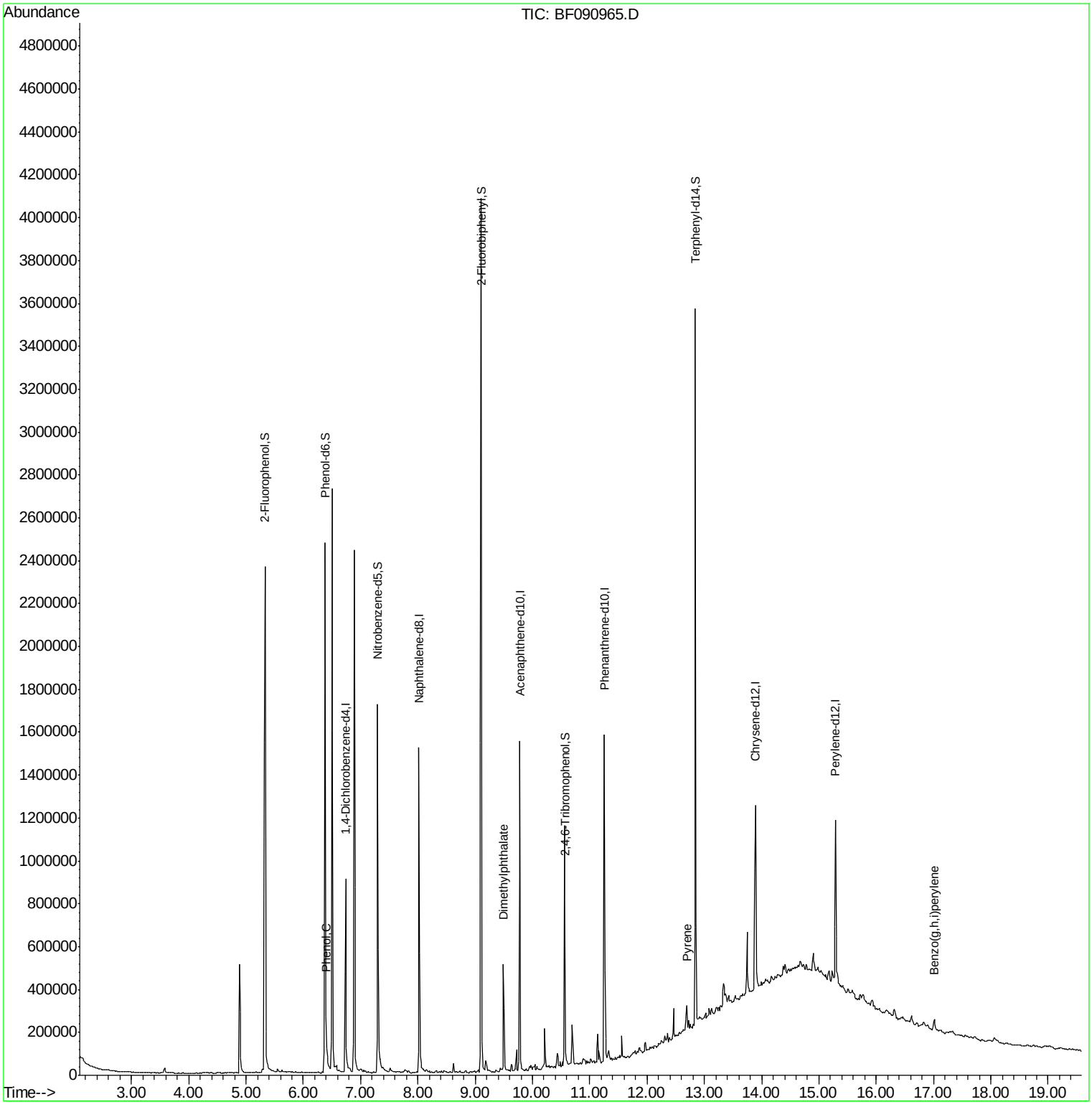
Quantitation Report (LSC Reviewed)

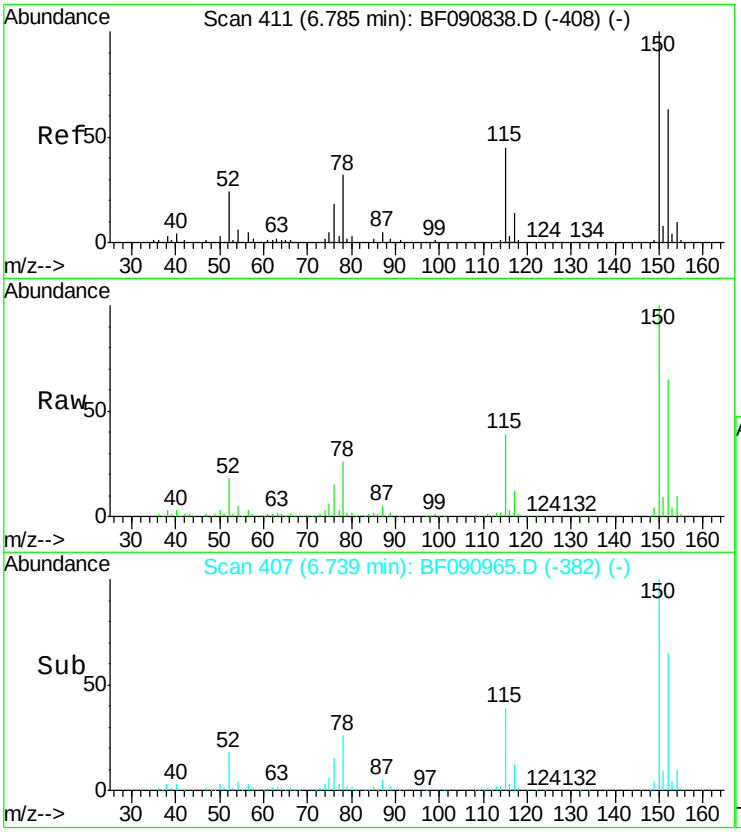
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090965.D
Acq On : 1 Nov 2016 21:49
Operator : UM/SJ
Sample : H5463-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 02 01:58:11 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 :
SB-3(0-2)

Manual Integrations APPROVED
Umangi
11/2/2016 5:42:04 PM

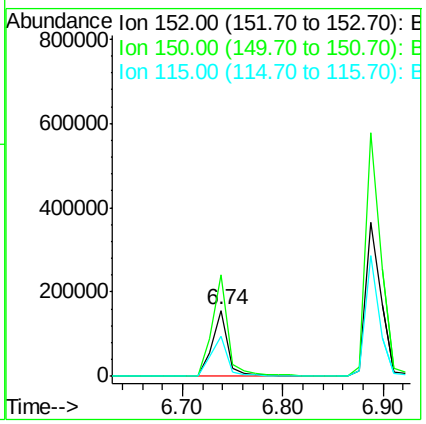




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090965.D
Acq: 1 Nov 2016 21:49

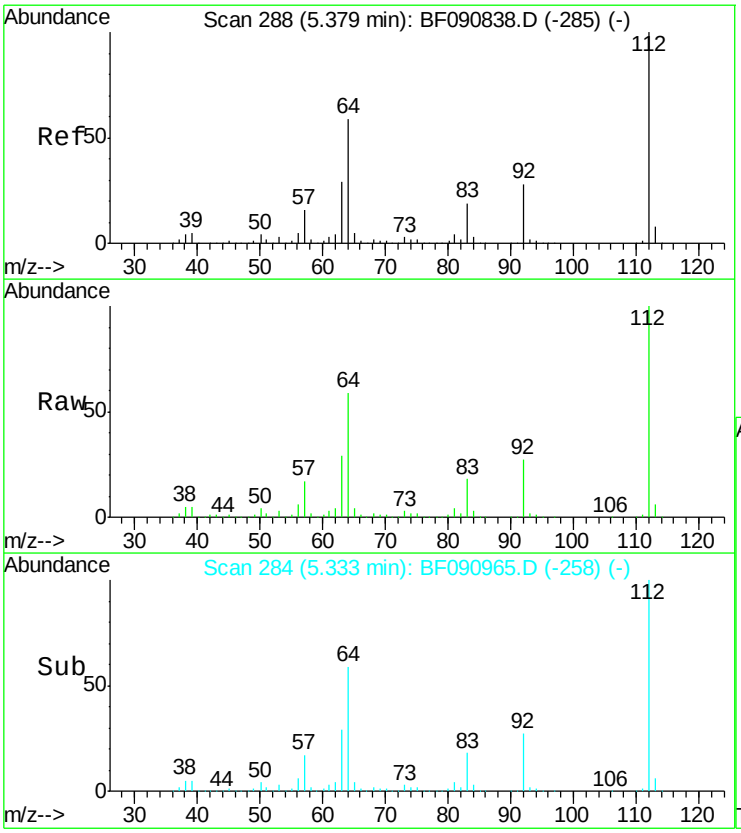
Tgt Ion:152 Resp: 173441

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.7	187.1
115	60.2	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

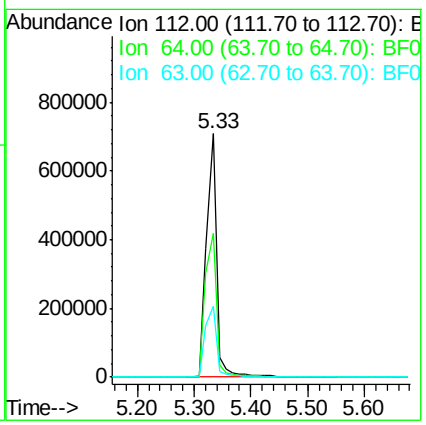
Manual Integrations APPROVED
Umangi
11/2/2016 5:42:04 PM

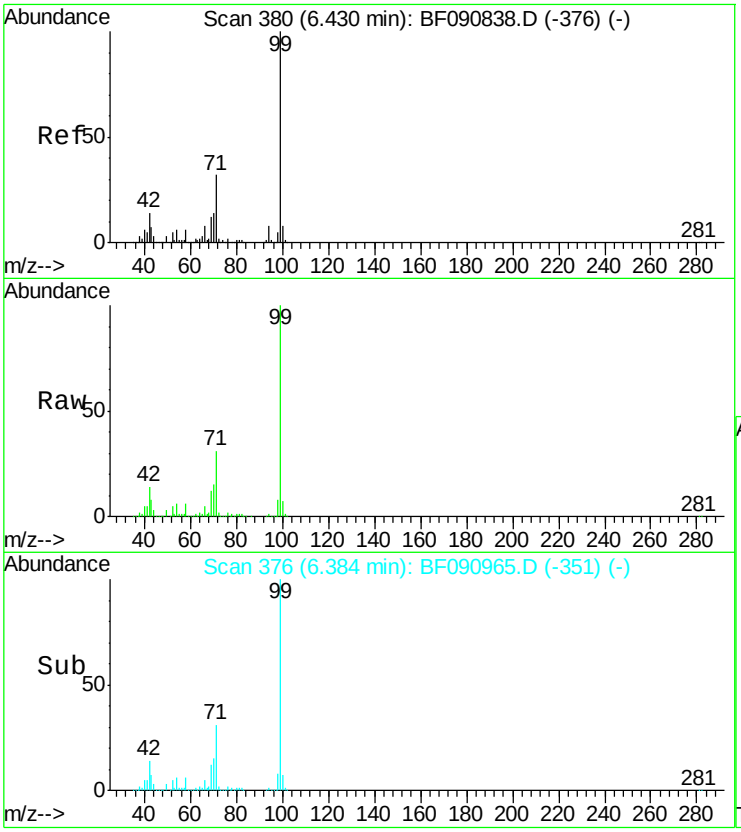


#5
2-Fluorophenol
Concen: 85.45 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.00 min
Lab File: BF090965.D
Acq: 1 Nov 2016 21:49

Tgt Ion:112 Resp: 847696

Ion	Ratio	Lower	Upper
112	100		
64	59.0	39.7	59.5
63	29.3	17.4	26.0#

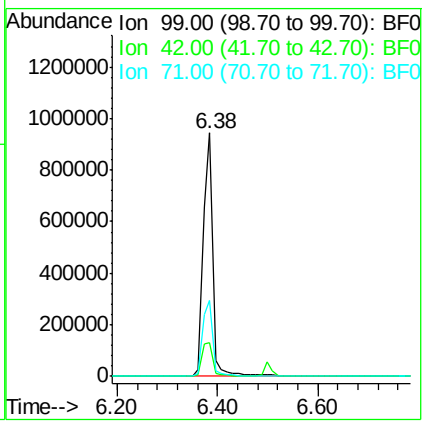




#7
Phenol-d6
Concen: 93.12 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF090965.D
Acq: 1 Nov 2016 21:49

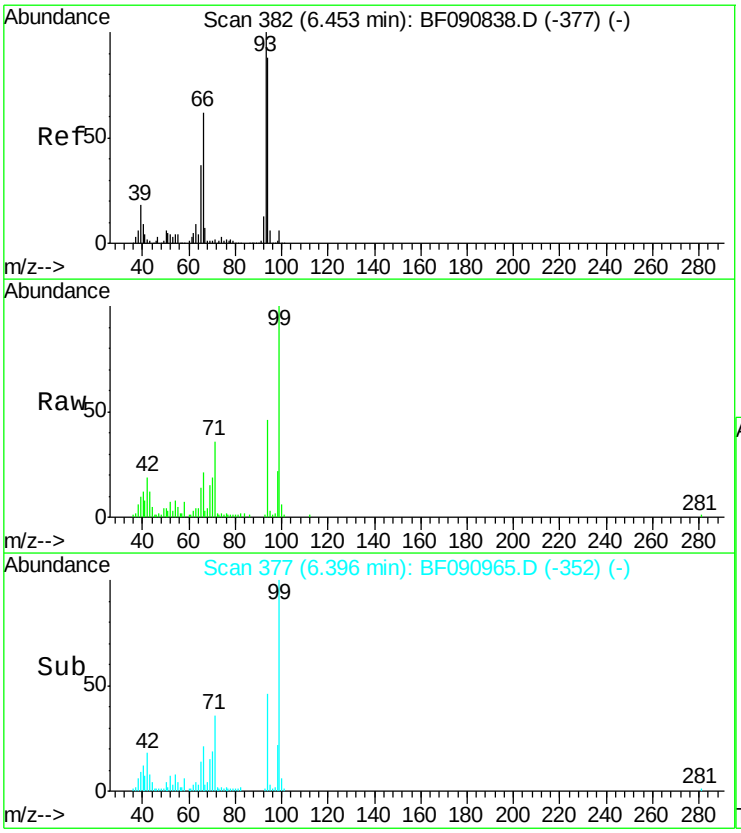
Tgt Ion: 99 Resp: 1246284

Ion	Ratio	Lower	Upper
99	100		
42	14.1	13.7	20.5
71	31.0	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

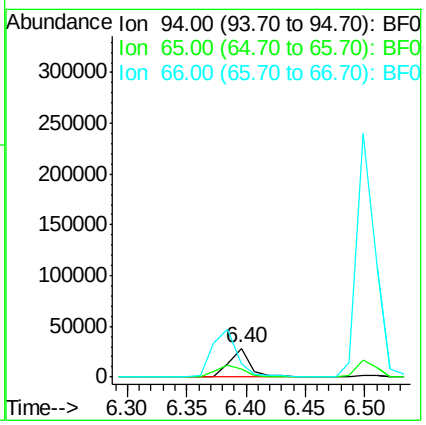
Manual Integrations APPROVED
Umangi
11/2/2016 5:42:04 PM

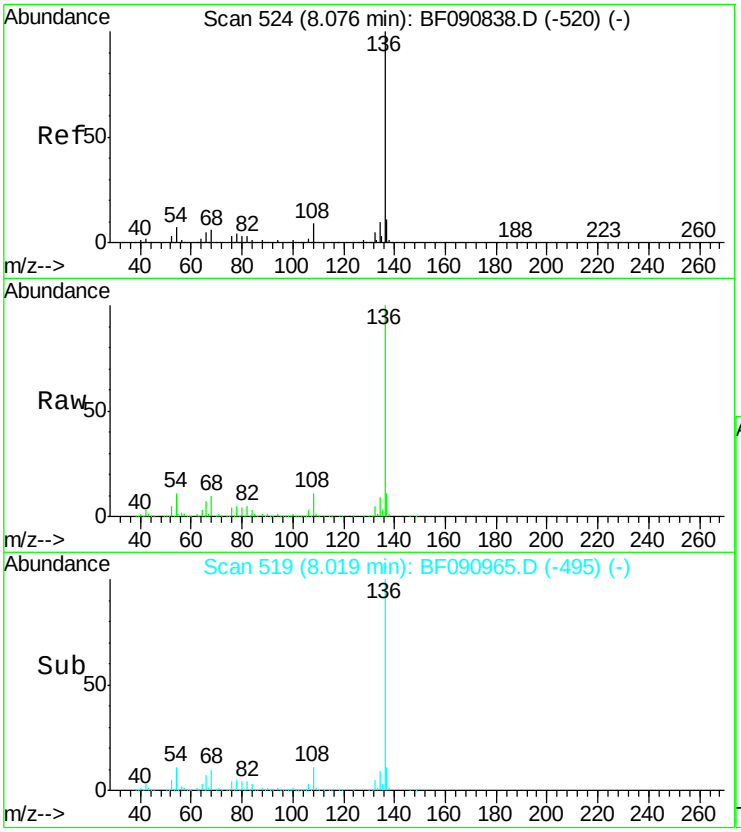


#10
Phenol
Concen: 2.45 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF090965.D
Acq: 1 Nov 2016 21:49

Tgt Ion: 94 Resp: 36140

Ion	Ratio	Lower	Upper
94	100		
65	29.4	0.7	40.7
66	45.2	0.8	40.8#

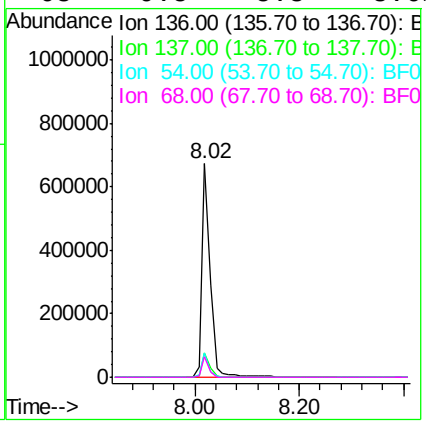




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090965.D
Acq: 1 Nov 2016 21:49

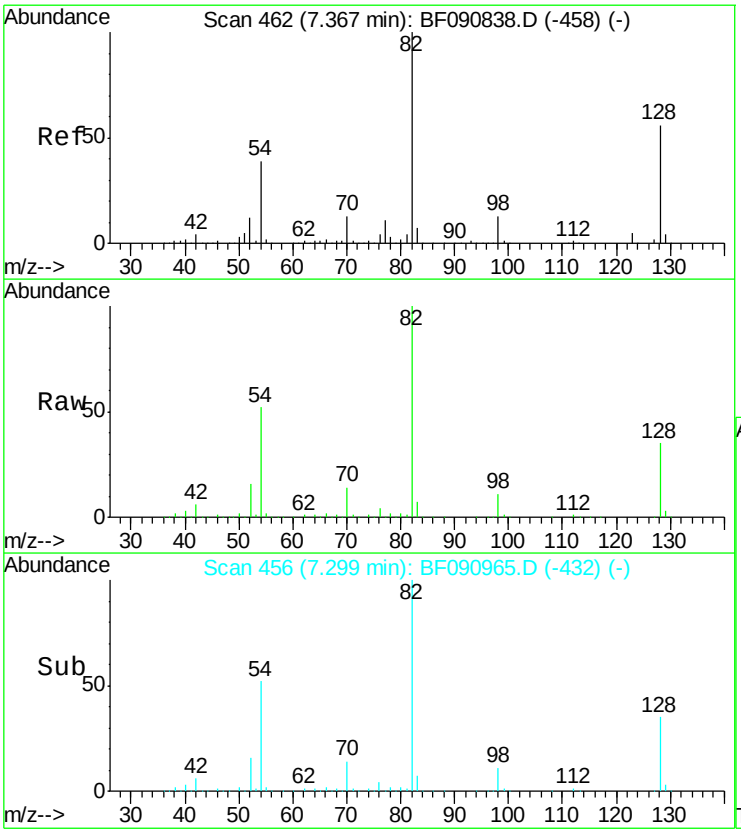
Tgt Ion:136 Resp: 746297

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	11.1	8.2	12.2
68	9.5	5.8	8.6#



Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

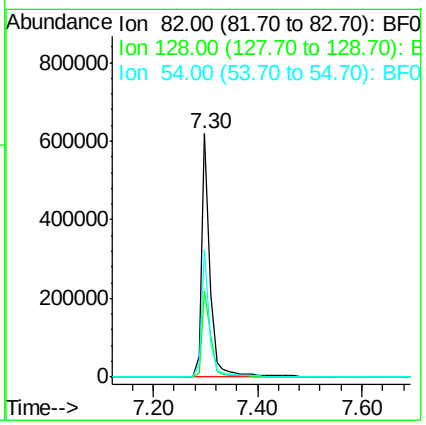
Manual Integrations APPROVED
Umangi
11/2/2016 5:42:04 PM

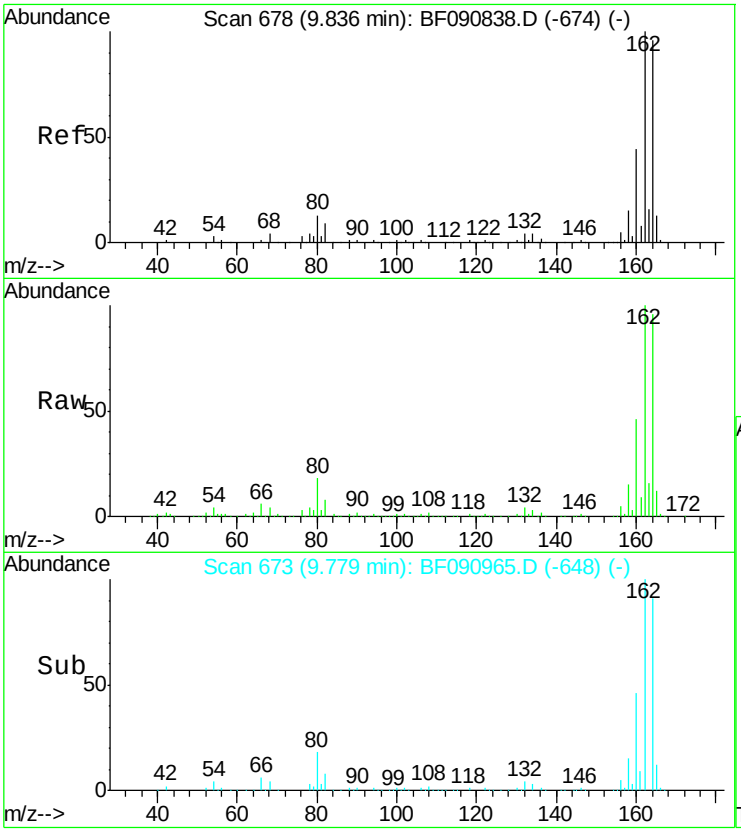


#23
Nitrobenzene-d5
Concen: 61.79 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF090965.D
Acq: 1 Nov 2016 21:49

Tgt Ion: 82 Resp: 704400

Ion	Ratio	Lower	Upper
82	100		
128	35.4	51.0	76.6#
54	52.2	47.5	71.3

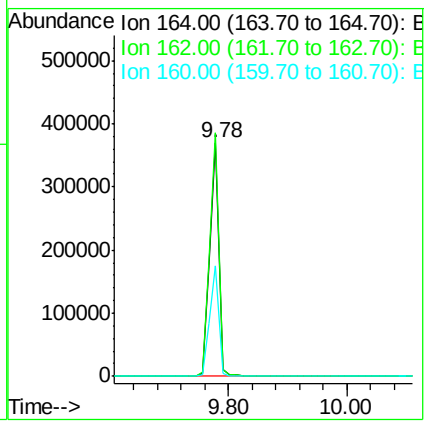




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF090965.D
Acq: 1 Nov 2016 21:49

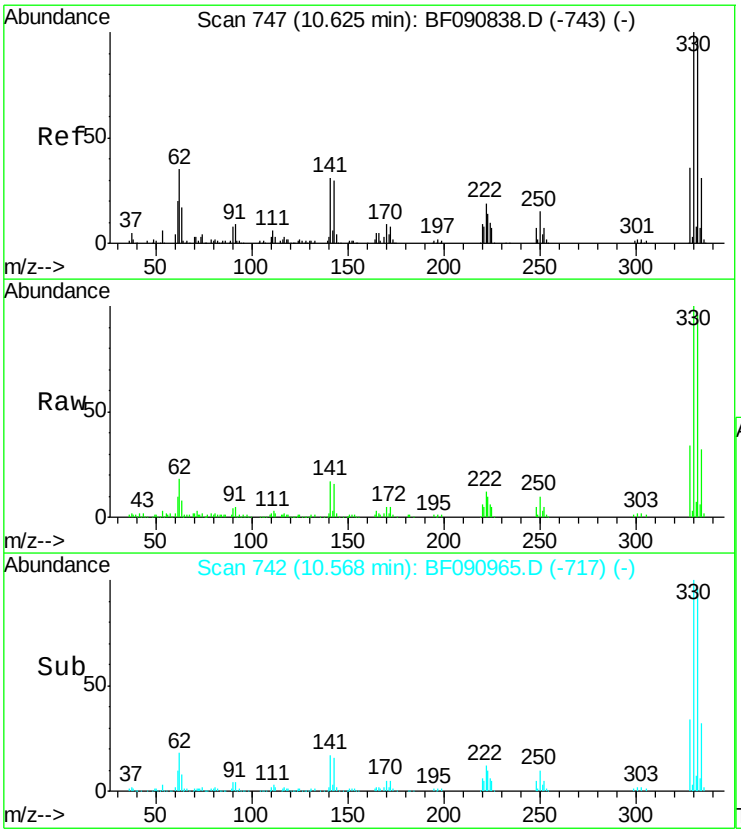
Tgt Ion:164 Resp: 391979

Ion	Ratio	Lower	Upper
164	100		
162	104.1	75.2	112.8
160	47.5	31.5	47.3#



Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

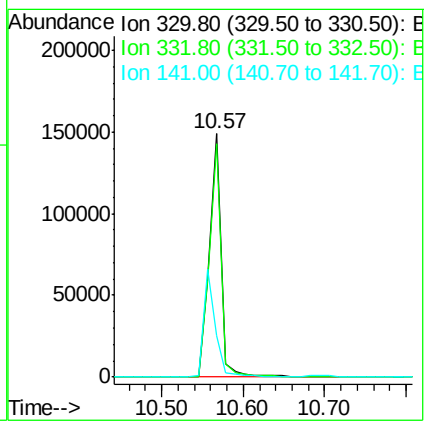
Manual Integrations APPROVED
Umangi
11/2/2016 5:42:04 PM

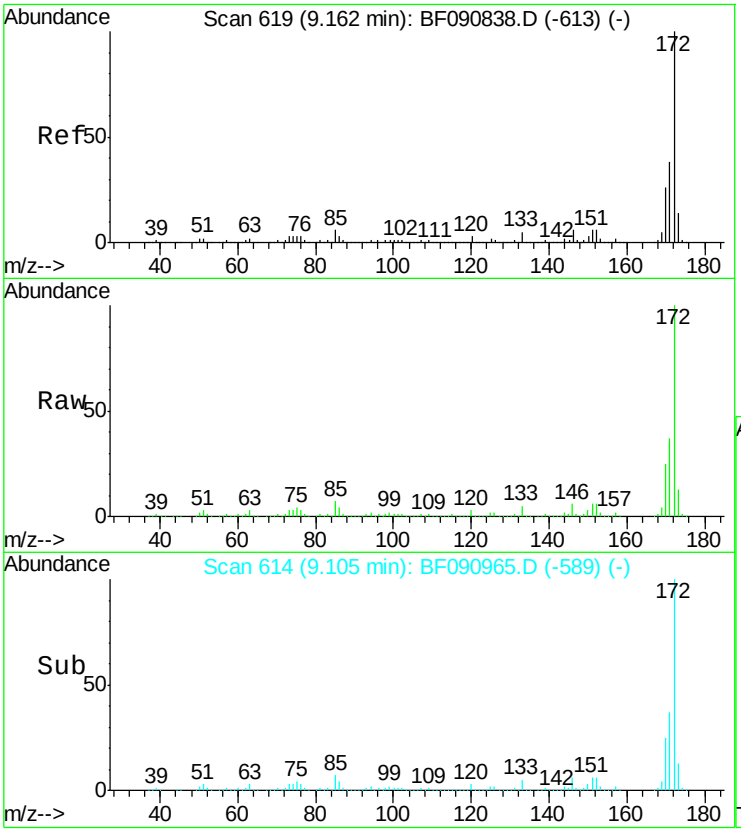


#41
2,4,6-Tribromophenol
Concen: 38.84 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF090965.D
Acq: 1 Nov 2016 21:49

Tgt Ion:330 Resp: 156447

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	44.3	29.7	44.5

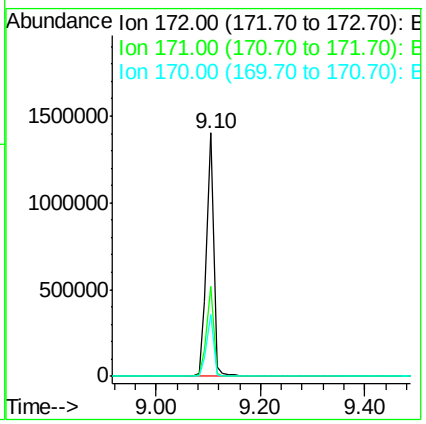




#44
2-Fluorobiphenyl
Concen: 60.50 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF090965.D
Acq: 1 Nov 2016 21:49

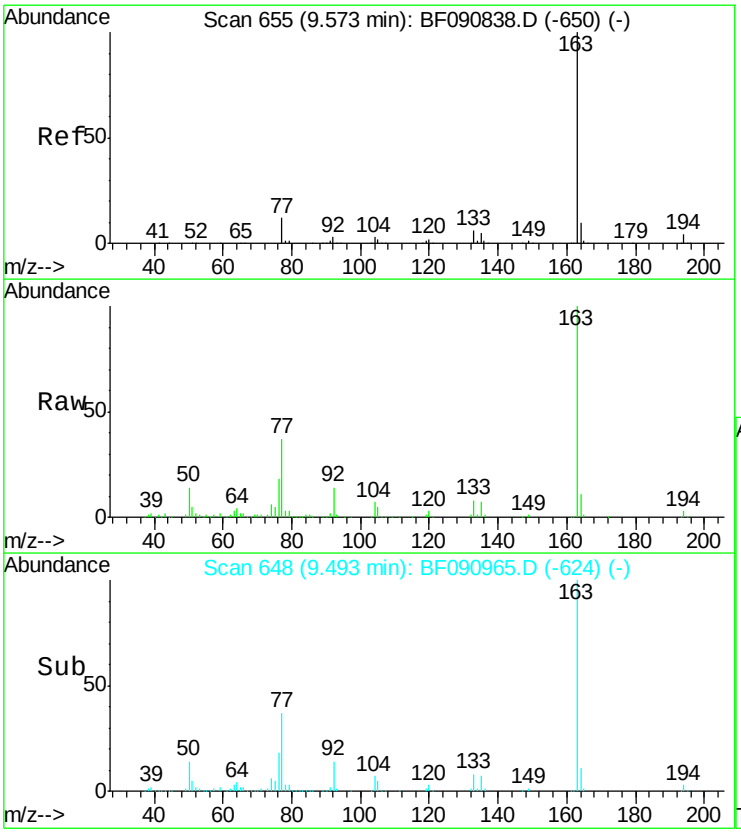
Tgt Ion:172 Resp: 1350576

Ion	Ratio	Lower	Upper
172	100		
171	36.9	26.1	39.1
170	25.2	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

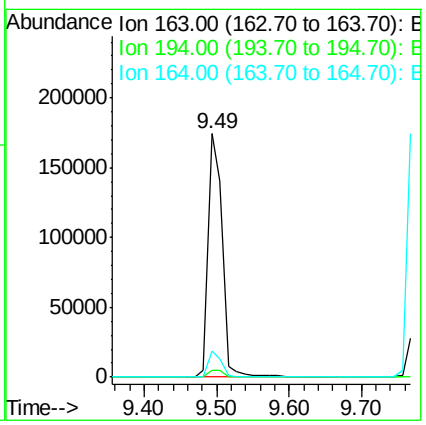
Manual Integrations APPROVED
Umangi
11/2/2016 5:42:04 PM

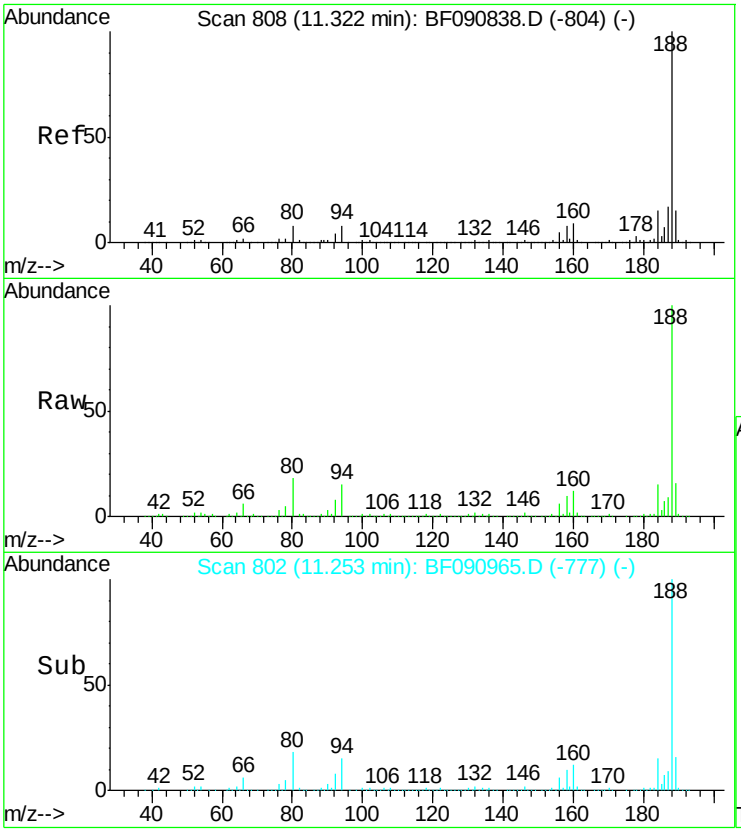


#49
Dimethylphthalate
Concen: 8.94 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF090965.D
Acq: 1 Nov 2016 21:49

Tgt Ion:163 Resp: 234169

Ion	Ratio	Lower	Upper
163	100		
194	2.7	4.4	6.6#
164	10.6	8.3	12.5

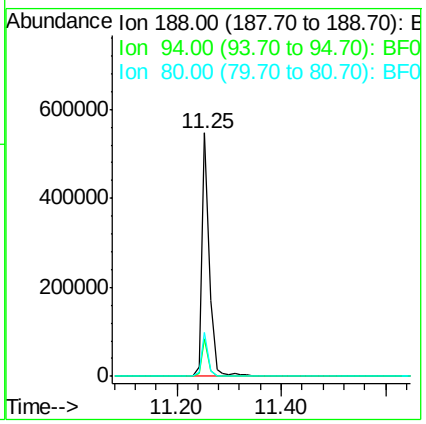




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF090965.D
Acq: 1 Nov 2016 21:49

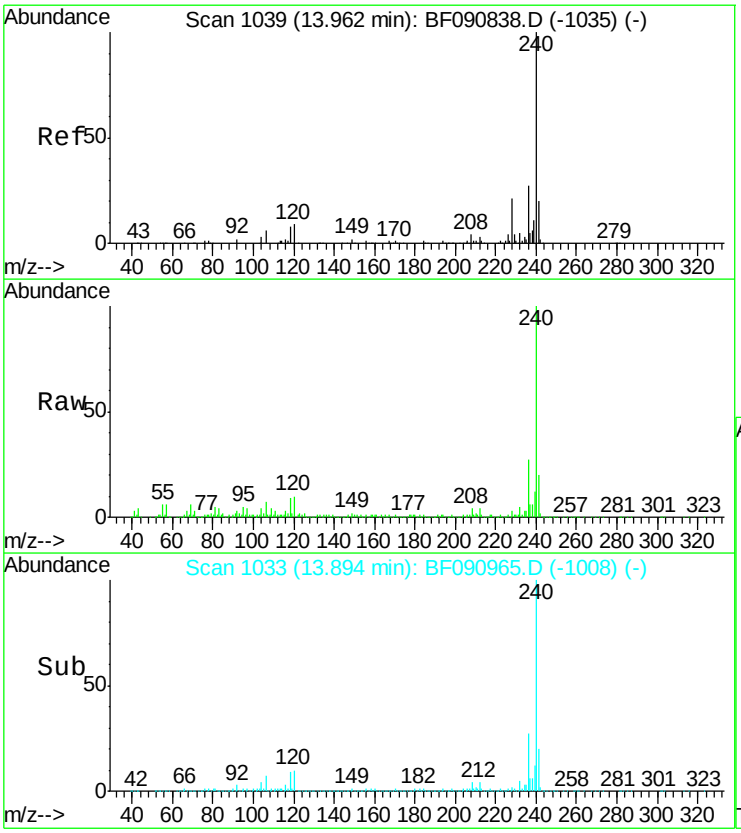
Tgt Ion:188 Resp: 545376

Ion	Ratio	Lower	Upper
188	100		
94	15.2	11.1	16.7
80	18.0	11.0	16.4#



Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

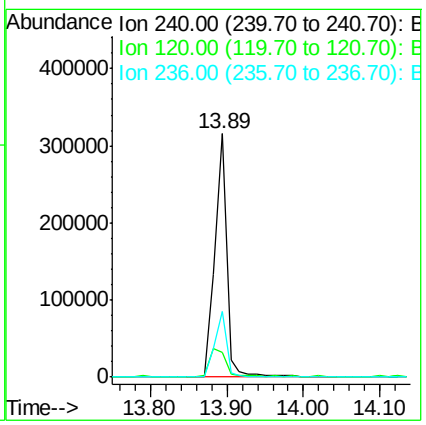
Manual Integrations APPROVED
Umangi
11/2/2016 5:42:04 PM

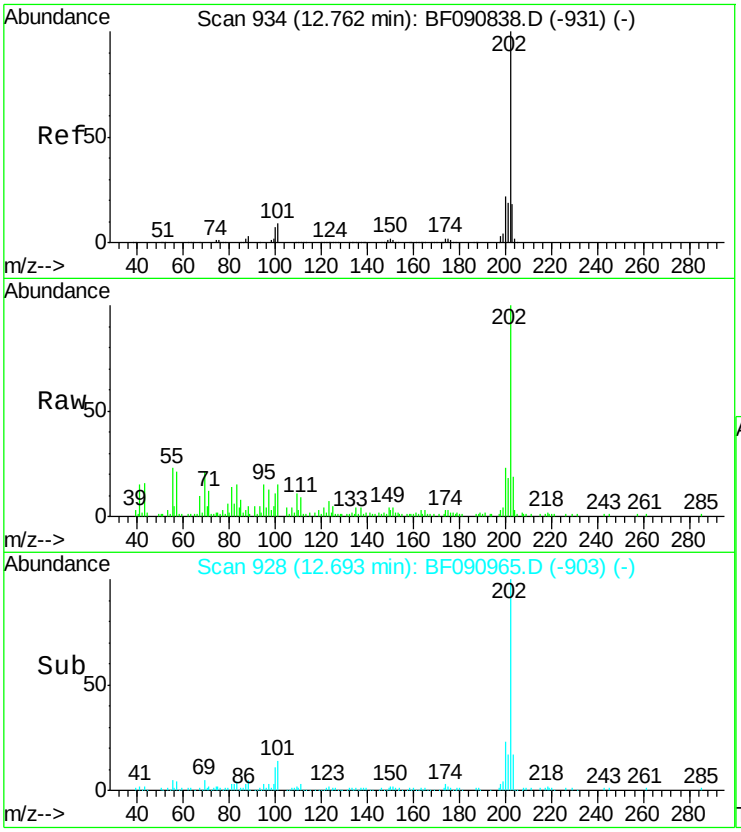


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF090965.D
Acq: 1 Nov 2016 21:49

Tgt Ion:240 Resp: 342409

Ion	Ratio	Lower	Upper
240	100		
120	10.2	16.2	24.2#
236	27.0	18.4	27.6

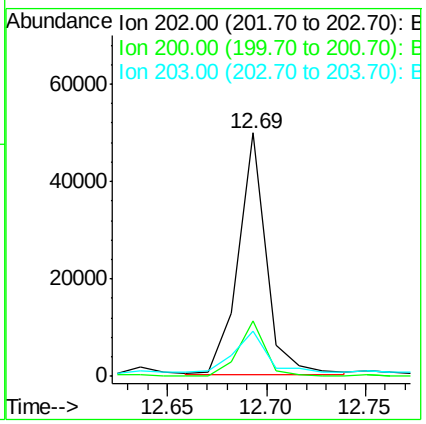




#77
Pyrene
Concen: 2.28 ng m
RT: 12.69 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF090965.D
Acq: 1 Nov 2016 21:49

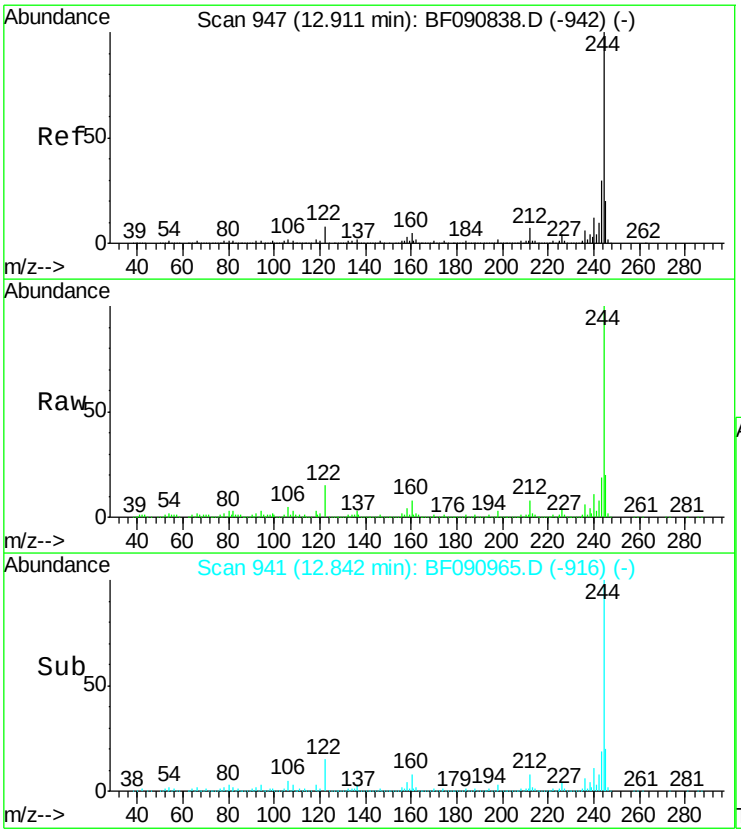
Tgt Ion:202 Resp: 49394

Ion	Ratio	Lower	Upper
202	100		
200	22.6	15.0	22.4#
203	18.8	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

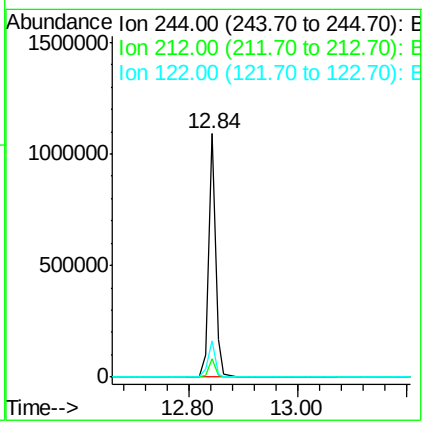
Manual Integrations APPROVED
Umangi
11/2/2016 5:42:04 PM

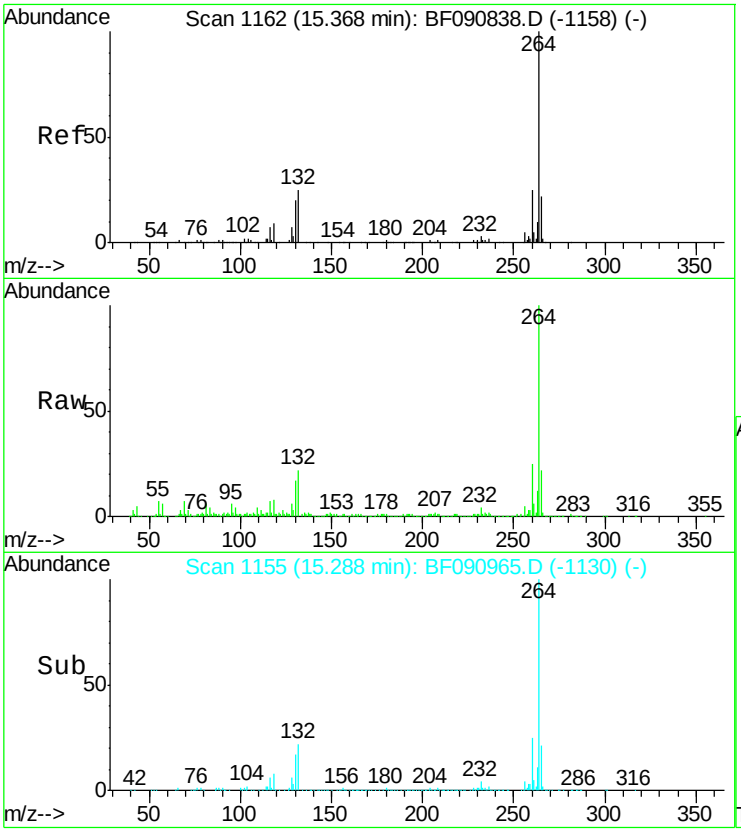


#78
Terphenyl-d14
Concen: 70.86 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF090965.D
Acq: 1 Nov 2016 21:49

Tgt Ion:244 Resp: 963056

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	14.7	17.4	26.2#

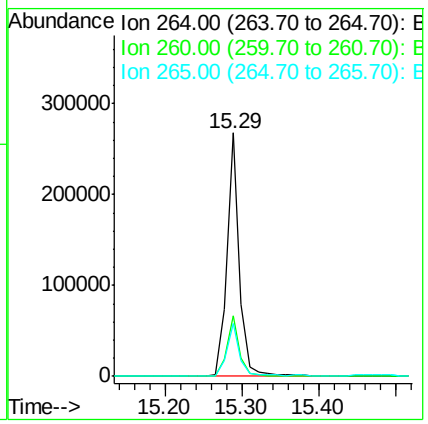




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF090965.D
Acq: 1 Nov 2016 21:49

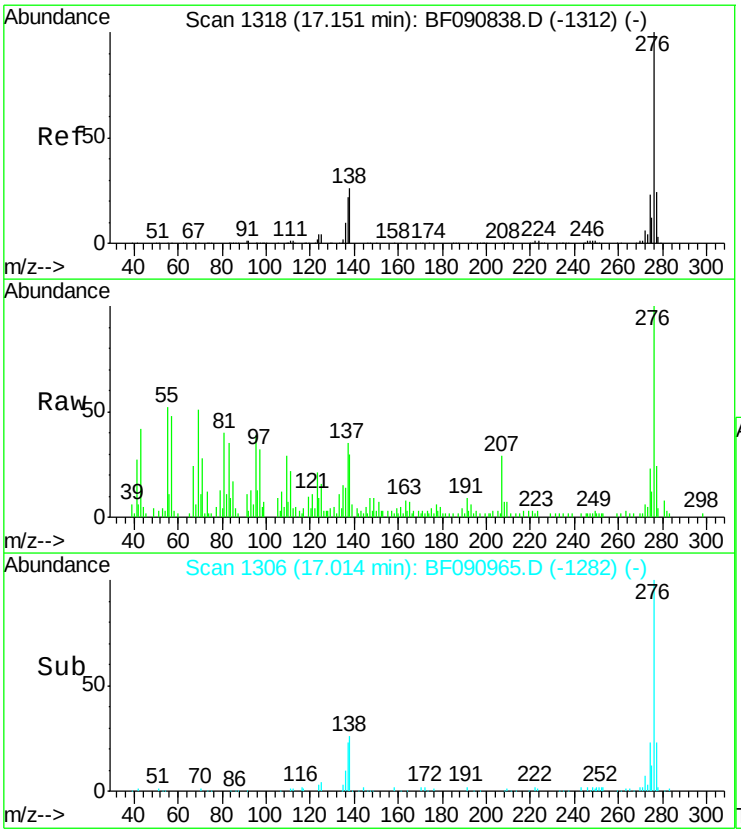
Tgt Ion:264 Resp: 309678

Ion	Ratio	Lower	Upper
264	100		
260	25.0	16.7	25.1
265	21.6	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

Manual Integrations APPROVED
Umangi
11/2/2016 5:42:04 PM



#91
Benzo(g,h,i)perylene
Concen: 2.82 ng
RT: 17.01 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF090965.D
Acq: 1 Nov 2016 21:49

Tgt Ion:276 Resp: 40297

Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.8	26.6
138	29.6	34.6	51.8#