Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF084987.D
Acq On : 10 Feb 2016 12:29
Operator : SJ/IZ
Sample : H1329-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B006(21.5-23.5)

Manual Integrations APPROVED
UMANGI
2/11/2016 10:46:32 AM

Quant Time: Feb 10 15:13:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	161750	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	702073	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	335119	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	593601	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	455985	20.00	ng	-0.01
86) Perylene-d12	15.12	264	365184	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1394074	134.24	ng	0.02
7) Phenol-d6	6.28	99	1895452	147.23	ng	0.00
23) Nitrobenzene-d5	7.20	82	1203469	96.56	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	435569	124.61	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1791837	92.97	ng	0.00
78) Terphenyl-d14	12.73	244	1622048	80.61	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.39	163	257040	10.07	ng	# 91
70) Phenanthrene	11.15	178	94721	2.88	ng	98
74) Fluoranthene	12.34	202	253792	7.62	ng	94
77) Pyrene	12.57	202	237312	6.80	ng	97
80) Benzo(a)anthracene	13.75	228	140670	4.97	ng	98
82) Chrysene	13.78	228	99119m	3.61	ng	
85) Indeno(1,2,3-cd)pyrene	16.38	276	48294	2.24	ng	# 94
87) Benzo(b)fluoranthene	14.75	252	115620m	4.71	ng	
88) Benzo(k)fluoranthene	14.77	252	49369m	2.43	ng	
89) Benzo(a)pyrene	15.07	252	86608	4.14	ng	97
91) Benzo(g,h,i)perylene	16.74	276	54848	3.09	ng	96

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

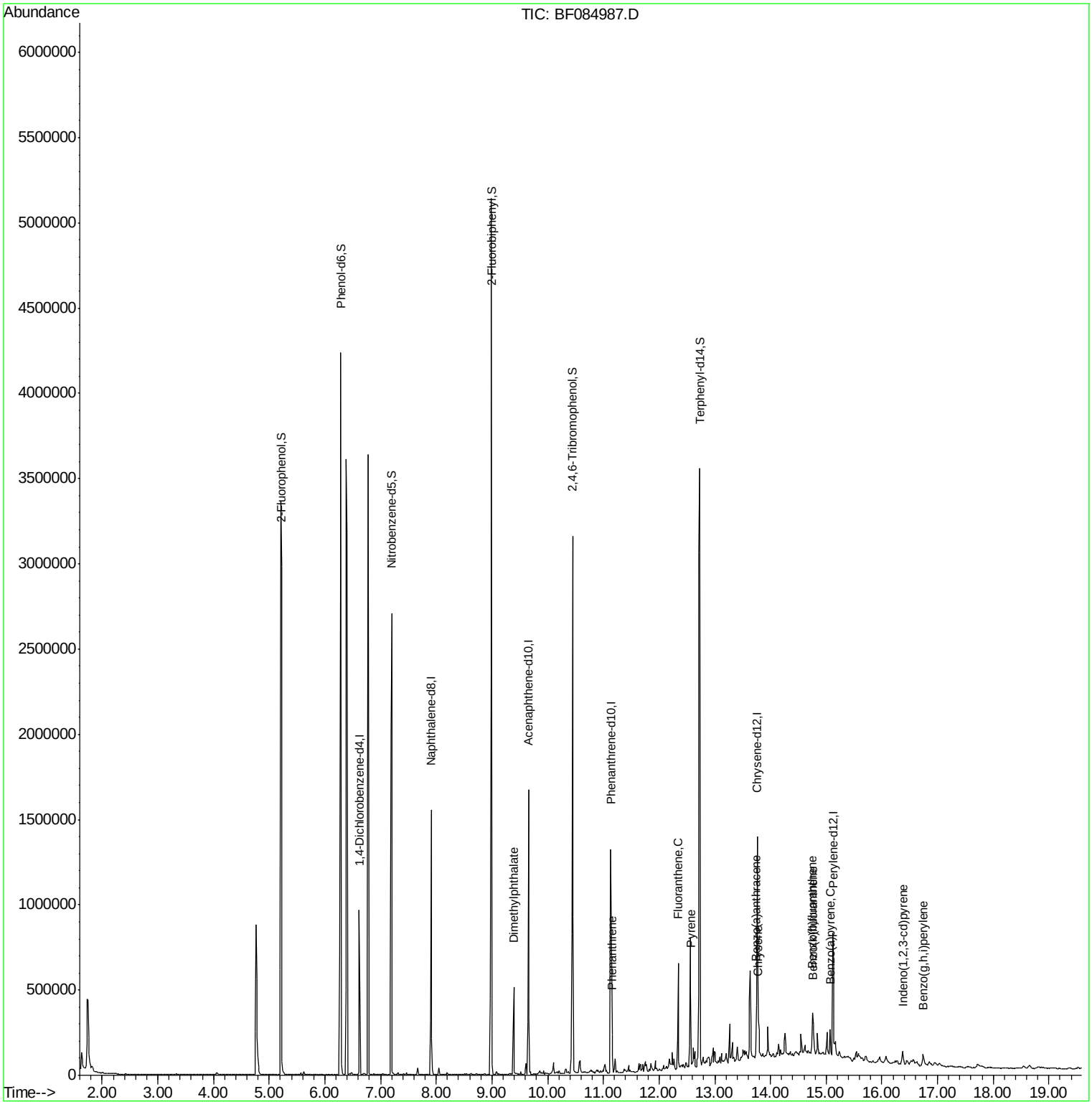
Quantitation Report (QT/LSC Reviewed)

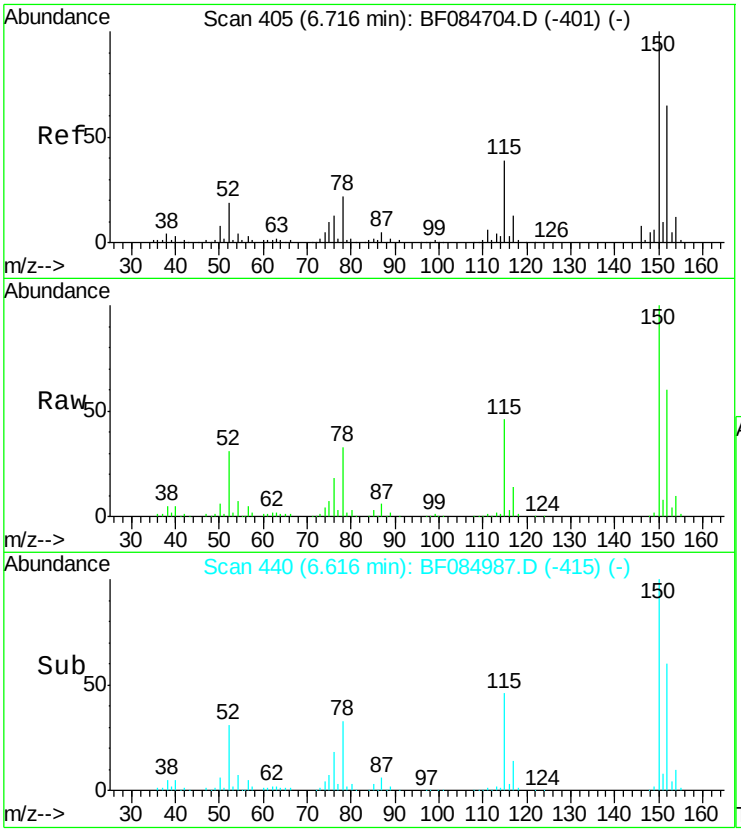
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF084987.D
Acq On : 10 Feb 2016 12:29
Operator : SJ/IZ
Sample : H1329-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 10 15:13:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
S4-B006(21.5-23.5)

Manual Integrations APPROVED
UMANGI
2/11/2016 10:46:32 AM

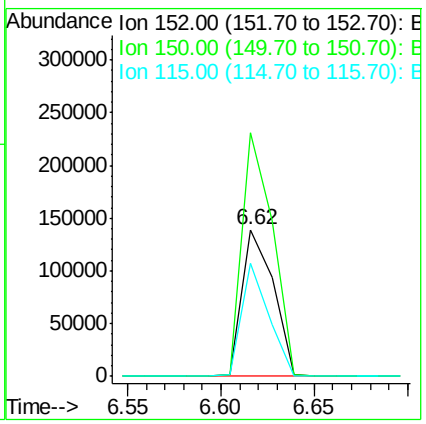




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

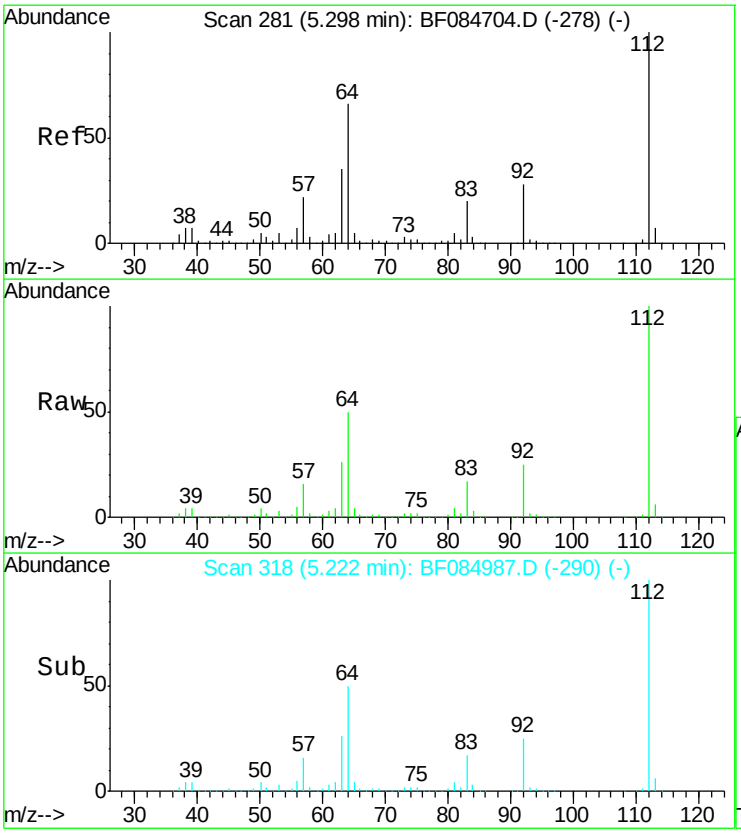
Tgt Ion:152 Resp: 161750

Ion	Ratio	Lower	Upper
152	100		
150	166.0	123.0	184.4
115	77.0	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
S4-B006(21.5-23.5)

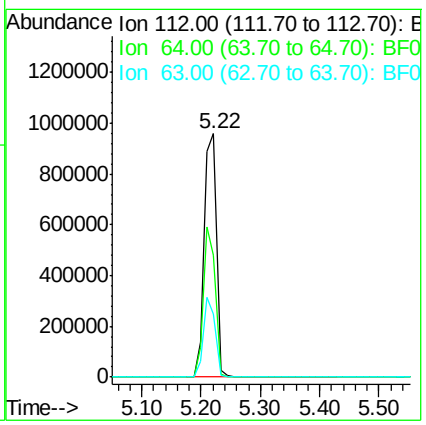
Manual Integrations APPROVED
UMANGI
2/11/2016 10:46:32 AM

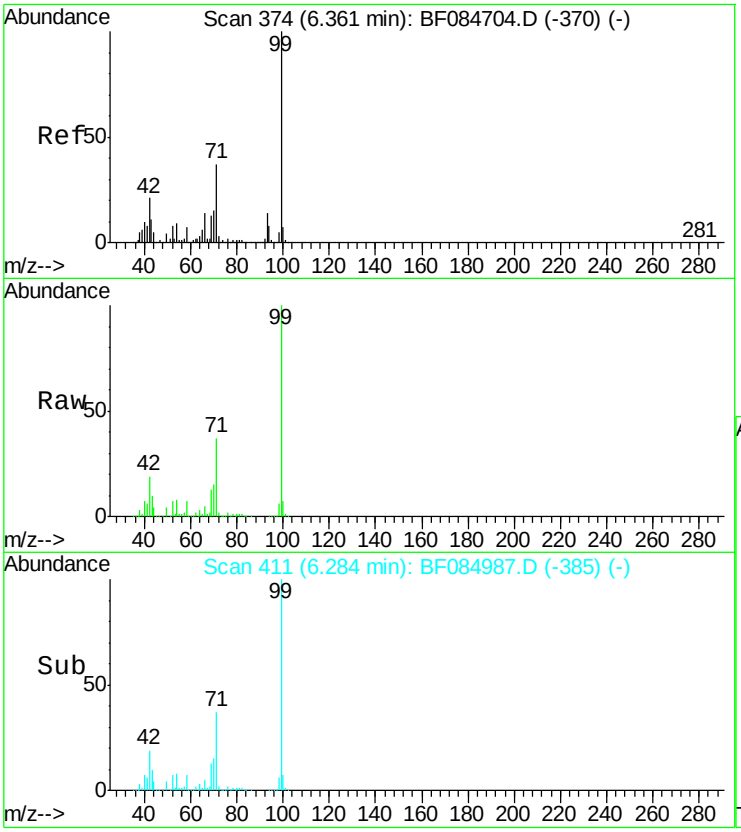


#5
2-Fluorophenol
Concen: 134.24 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.02 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

Tgt Ion:112 Resp: 1394074

Ion	Ratio	Lower	Upper
112	100		
64	50.1	36.6	55.0
63	25.9	19.4	29.0

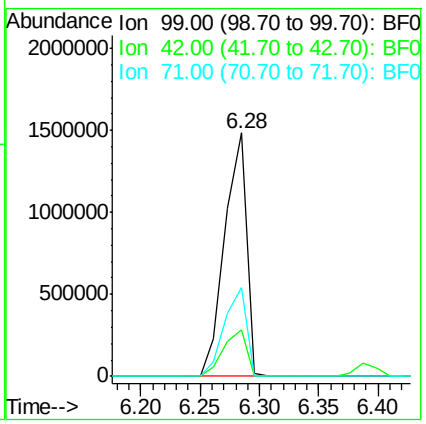




#7
Phenol-d6
Concen: 147.23 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

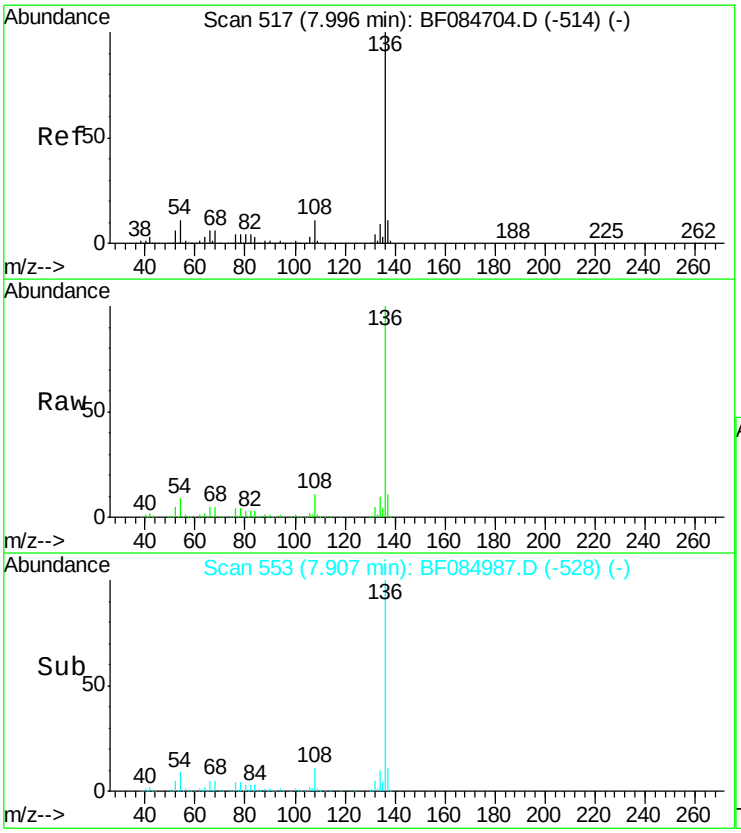
Tgt Ion: 99 Resp: 1895452

Ion	Ratio	Lower	Upper
99	100		
42	19.0	12.8	19.2
71	36.7	30.9	46.3



Instrument :
BNA_F
ClientSampleId :
S4-B006(21.5-23.5)

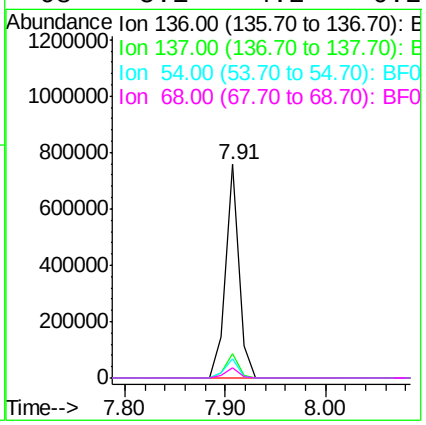
Manual Integrations APPROVED
UMANGI
2/11/2016 10:46:32 AM

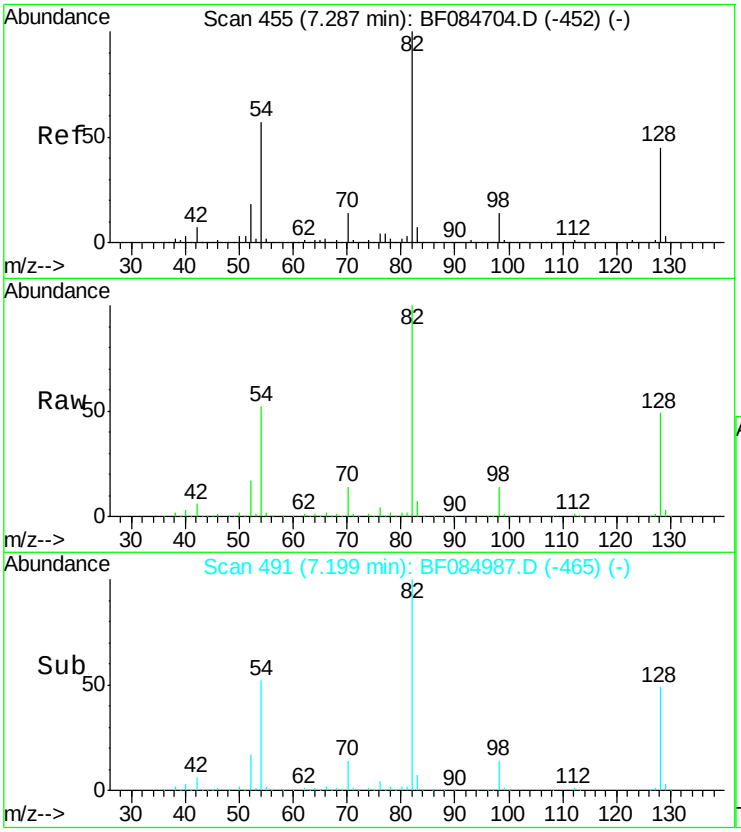


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

Tgt Ion:136 Resp: 702073

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.0	5.8	8.8#
68	5.1	4.2	6.2

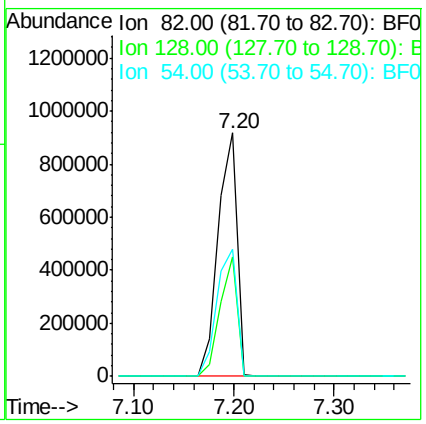




#23
Nitrobenzene-d5
Concen: 96.56 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

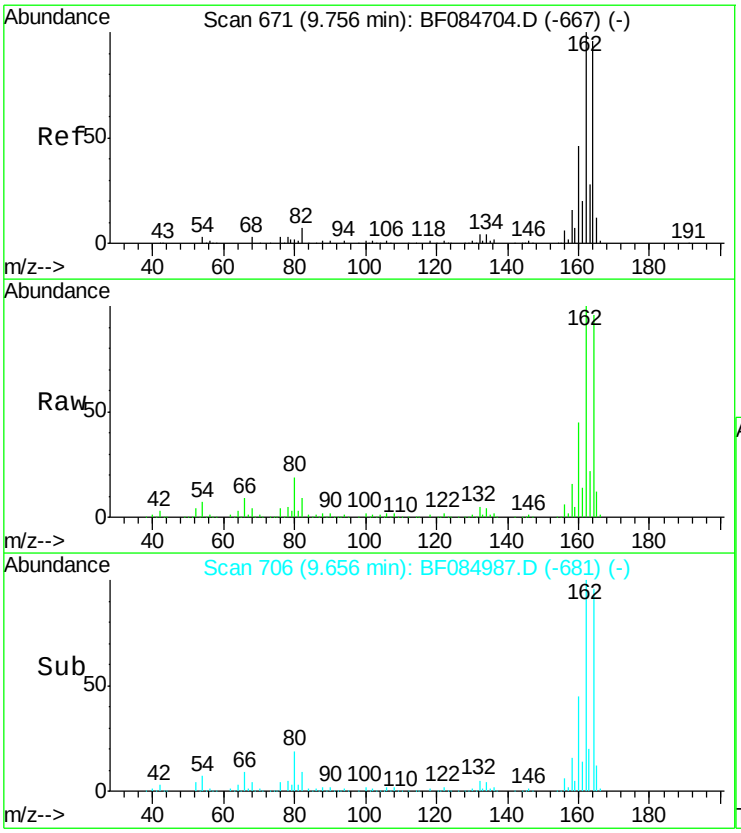
Tgt Ion: 82 Resp: 1203469

Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.6	51.8
54	52.1	38.4	57.6



Instrument :
BNA_F
ClientSampleId :
S4-B006(21.5-23.5)

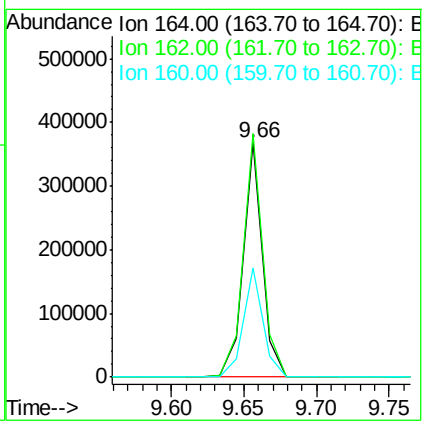
Manual Integrations APPROVED
UMANGI
2/11/2016 10:46:32 AM

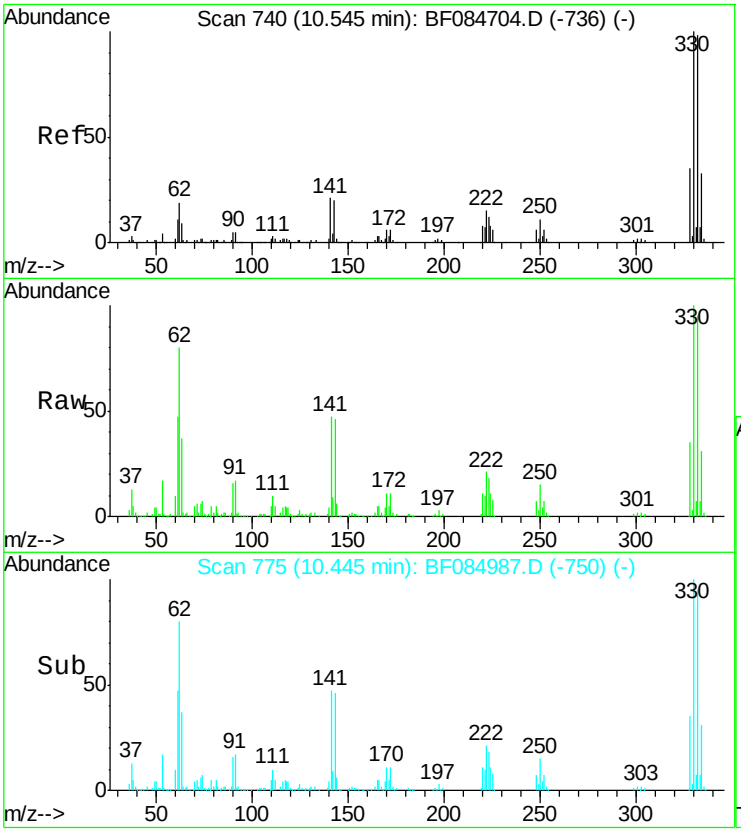


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

Tgt Ion:164 Resp: 335119

Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.1	127.7
160	46.3	37.5	56.3

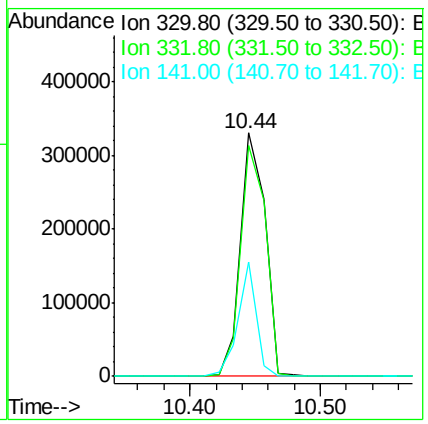




#41
2,4,6-Tribromophenol
Concen: 124.61 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

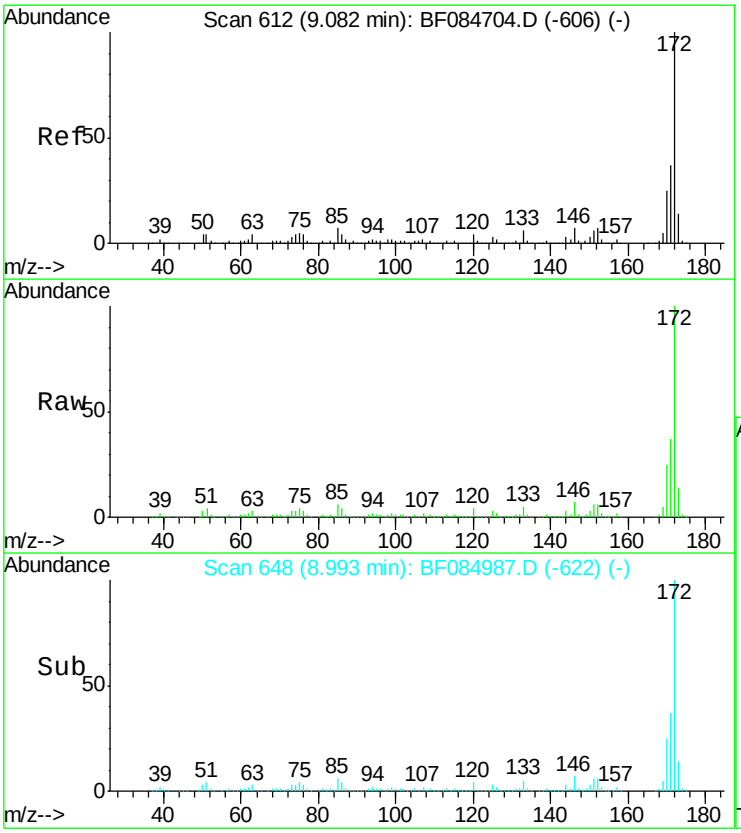
Tgt Ion:330 Resp: 435569

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	34.7	27.8	41.6



Instrument :
BNA_F
ClientSampleId :
S4-B006(21.5-23.5)

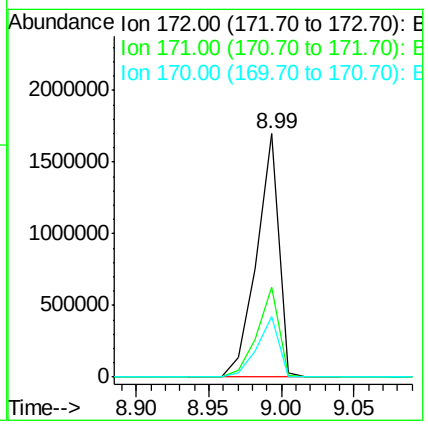
Manual Integrations APPROVED
UMANGI
2/11/2016 10:46:32 AM

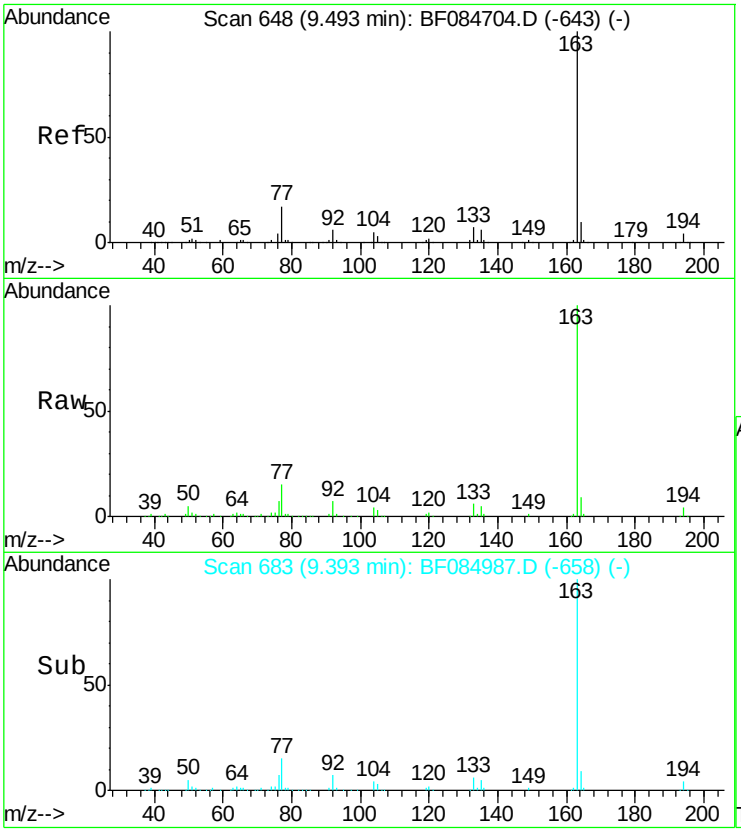


#44
2-Fluorobiphenyl
Concen: 92.97 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

Tgt Ion:172 Resp: 1791837

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	25.1	18.6	27.8

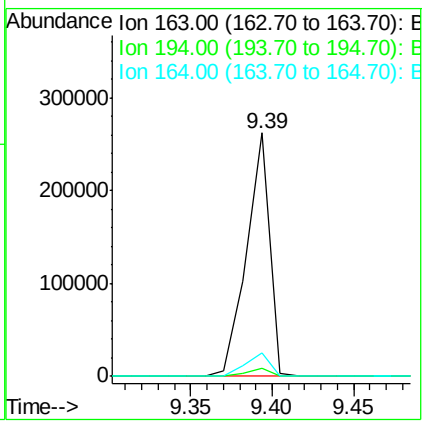




#49
Dimethylphthalate
Concen: 10.07 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

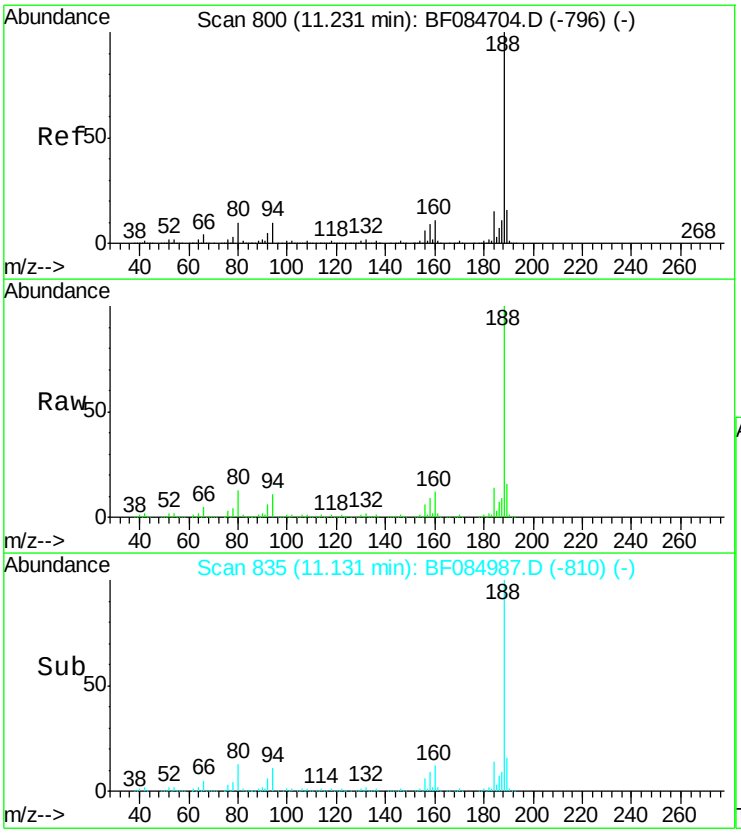
Tgt Ion:163 Resp: 257040

Ion	Ratio	Lower	Upper
163	100		
194	3.5	8.0	12.0#
164	9.5	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
S4-B006(21.5-23.5)

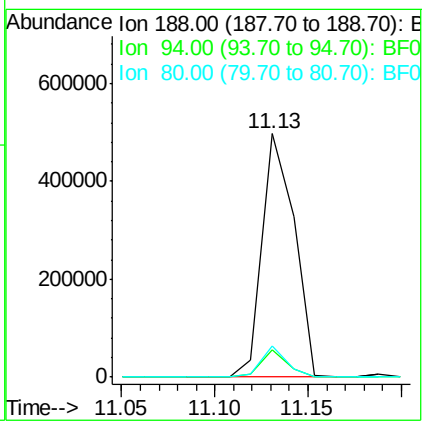
Manual Integrations APPROVED
UMANGI
2/11/2016 10:46:32 AM

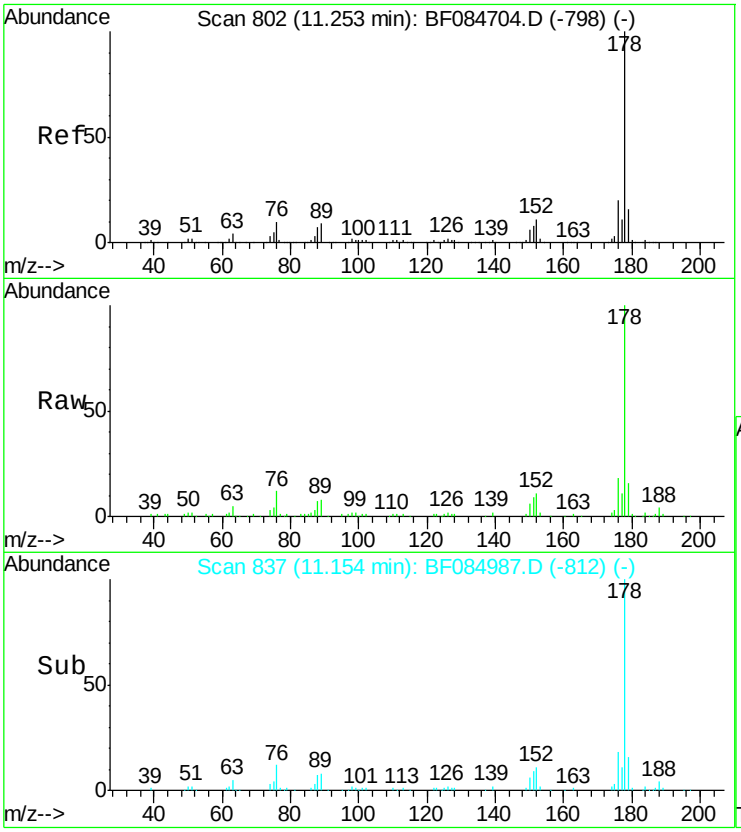


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

Tgt Ion:188 Resp: 593601

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.0	13.4
80	12.9	9.6	14.4

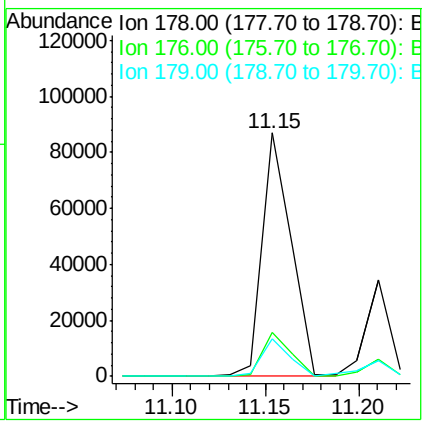




#70
Phenanthrene
Concen: 2.88 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

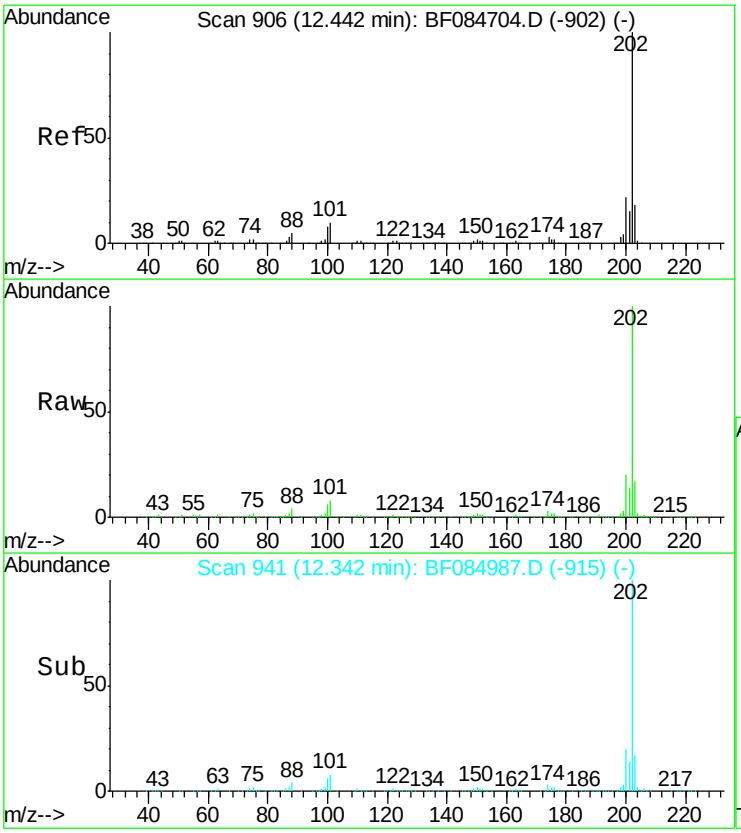
Tgt Ion:178 Resp: 94721

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	15.6	12.0	18.0



Instrument :
BNA_F
ClientSampleId :
S4-B006(21.5-23.5)

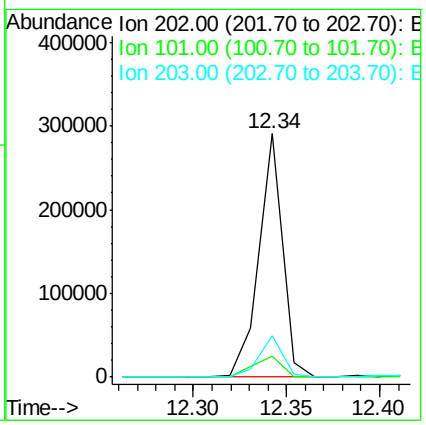
Manual Integrations APPROVED
UMANGI
2/11/2016 10:46:32 AM

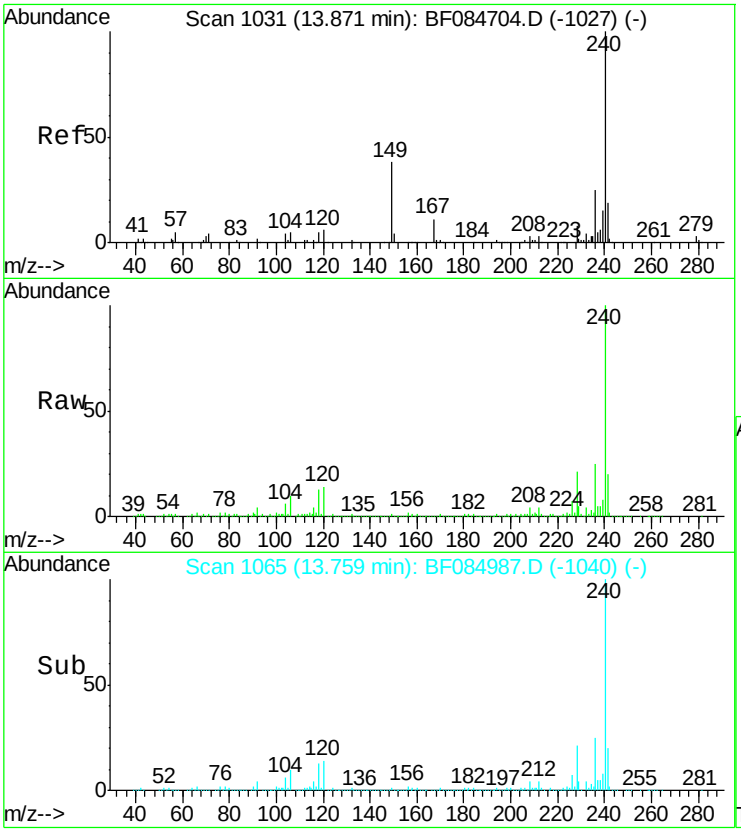


#74
Fluoranthene
Concen: 7.62 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

Tgt Ion:202 Resp: 253792

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	32.8
203	16.8	0.0	37.9

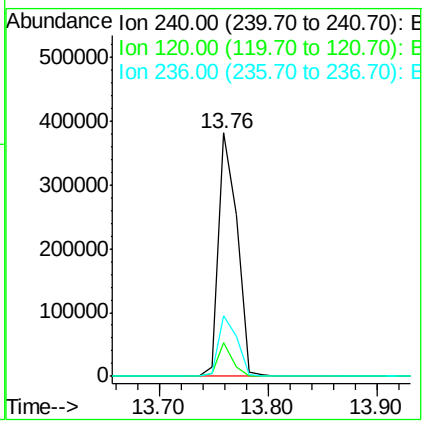




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

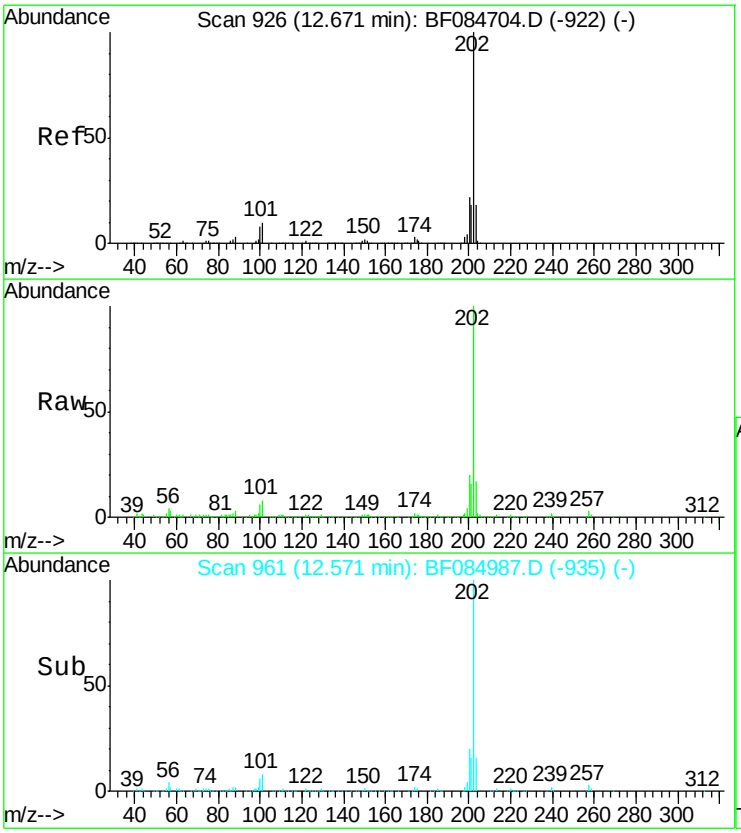
Tgt Ion:240 Resp: 455985

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	25.1	20.6	31.0



Instrument :
BNA_F
ClientSampleId :
S4-B006(21.5-23.5)

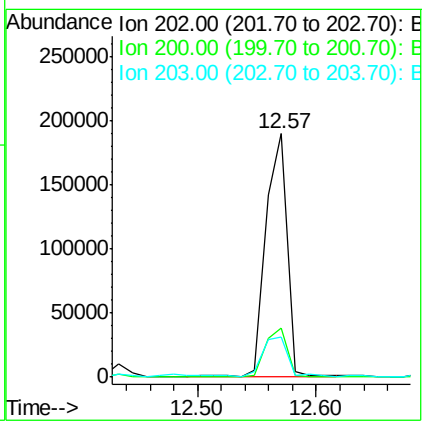
Manual Integrations APPROVED
UMANGI
2/11/2016 10:46:32 AM

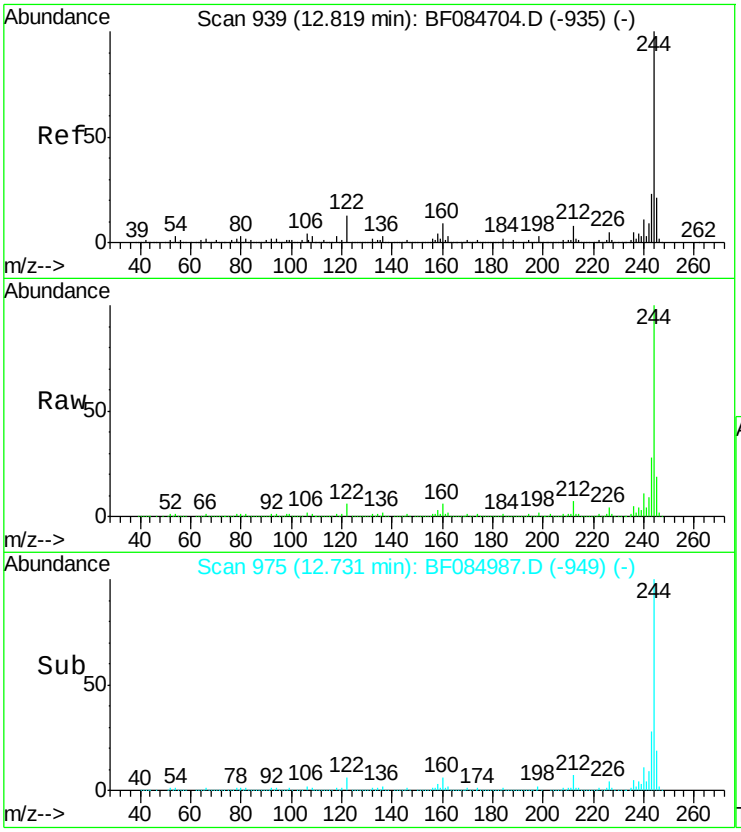


#77
Pyrene
Concen: 6.80 ng
RT: 12.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

Tgt Ion:202 Resp: 237312

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.2	25.8
203	16.5	14.3	21.5

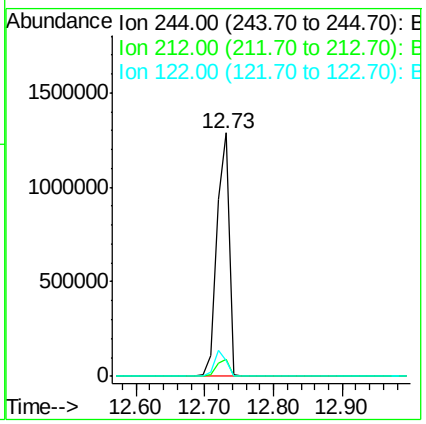




#78
Terphenyl-d14
Concen: 80.61 ng
RT: 12.73 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

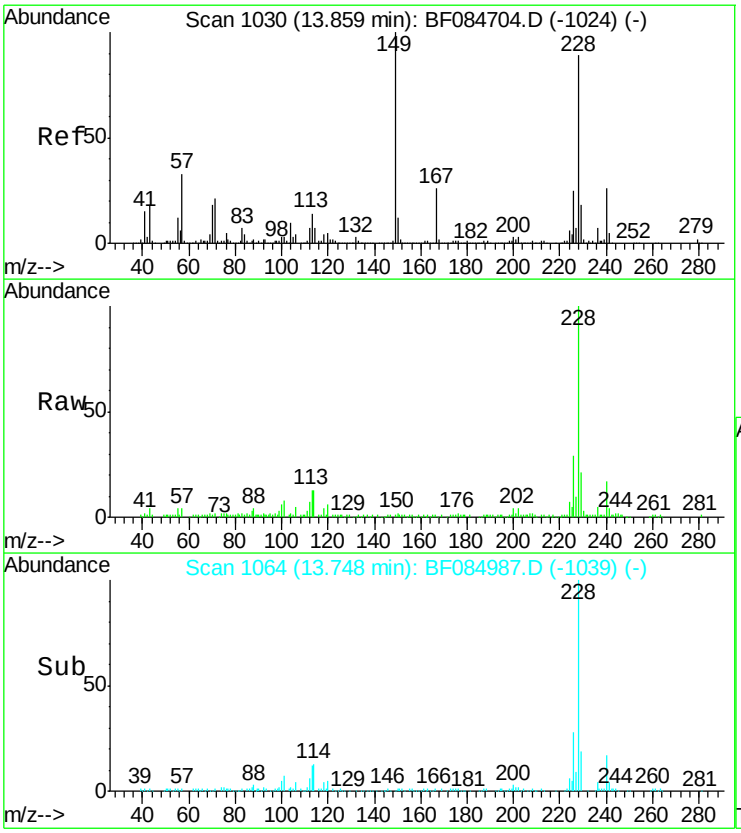
Tgt Ion:244 Resp: 1622048

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	6.3	7.4	11.0#



Instrument :
BNA_F
ClientSampleId :
S4-B006(21.5-23.5)

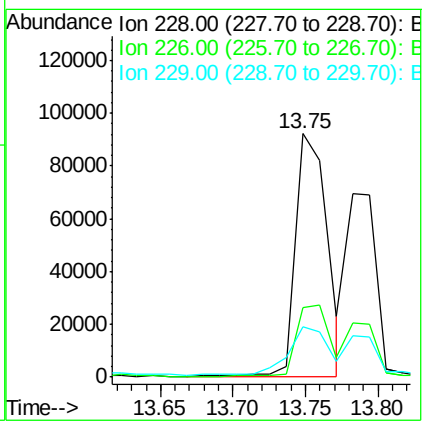
Manual Integrations APPROVED
UMANGI
2/11/2016 10:46:32 AM

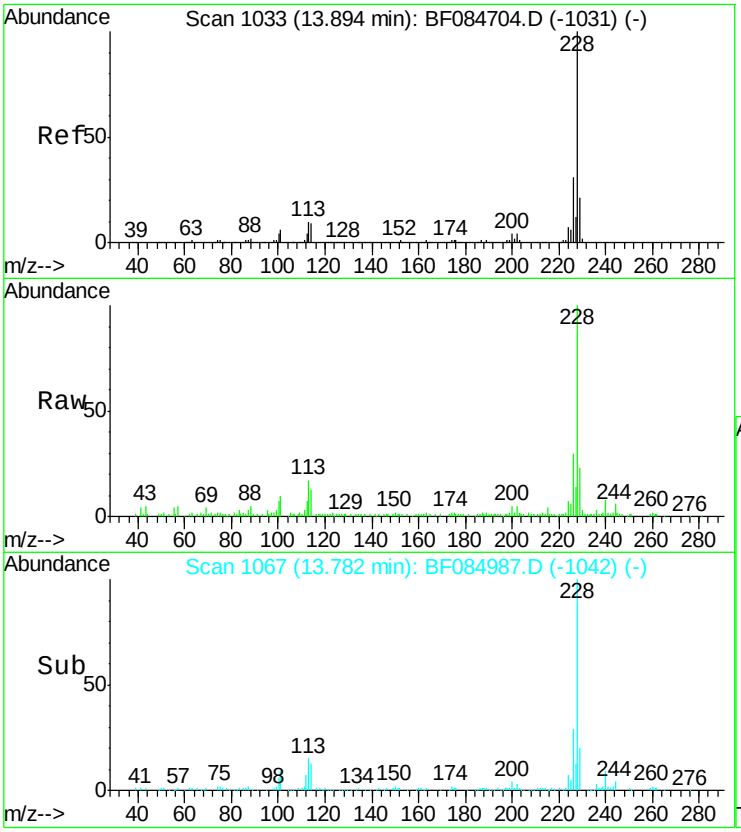


#80
Benzo(a)anthracene
Concen: 4.97 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

Tgt Ion:228 Resp: 140670

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.8	32.6
229	20.7	15.8	23.8

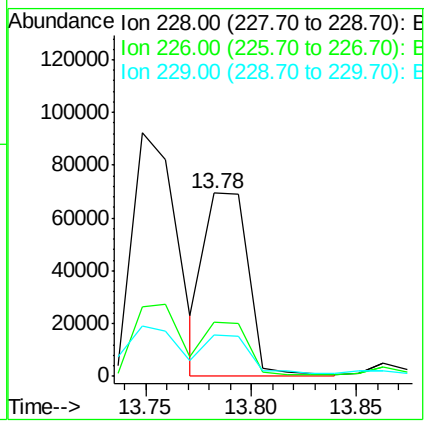




#82
Chrysene
Concen: 3.61 ng m
RT: 13.78 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

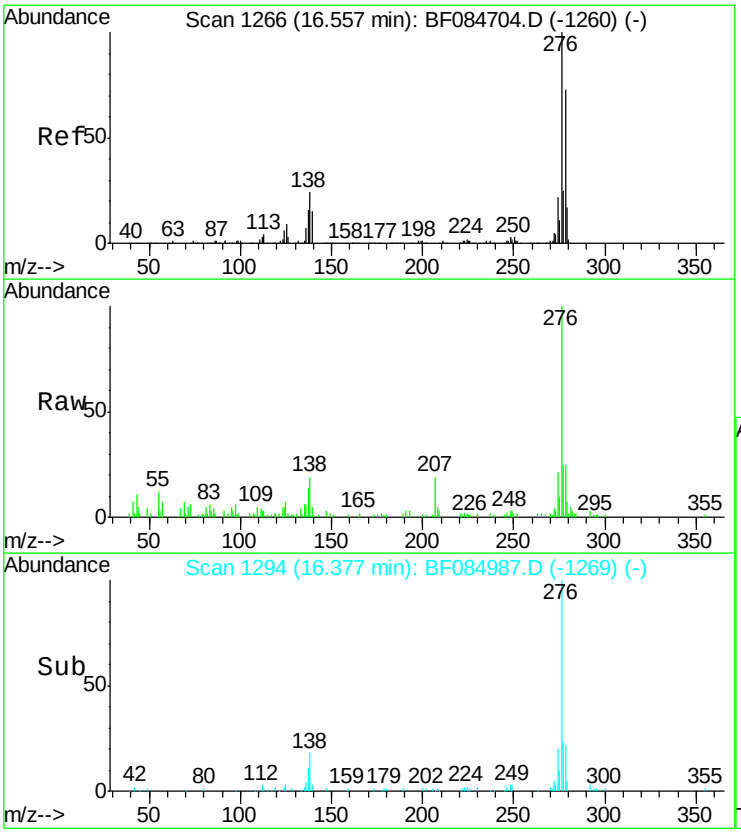
Tgt Ion:228 Resp: 99119

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.3	36.5
229	22.6	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
S4-B006(21.5-23.5)

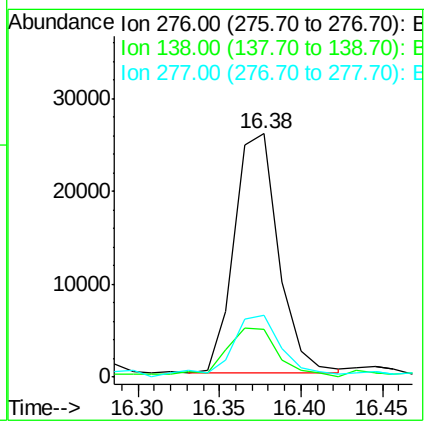
Manual Integrations APPROVED
UMANGI
2/11/2016 10:46:32 AM

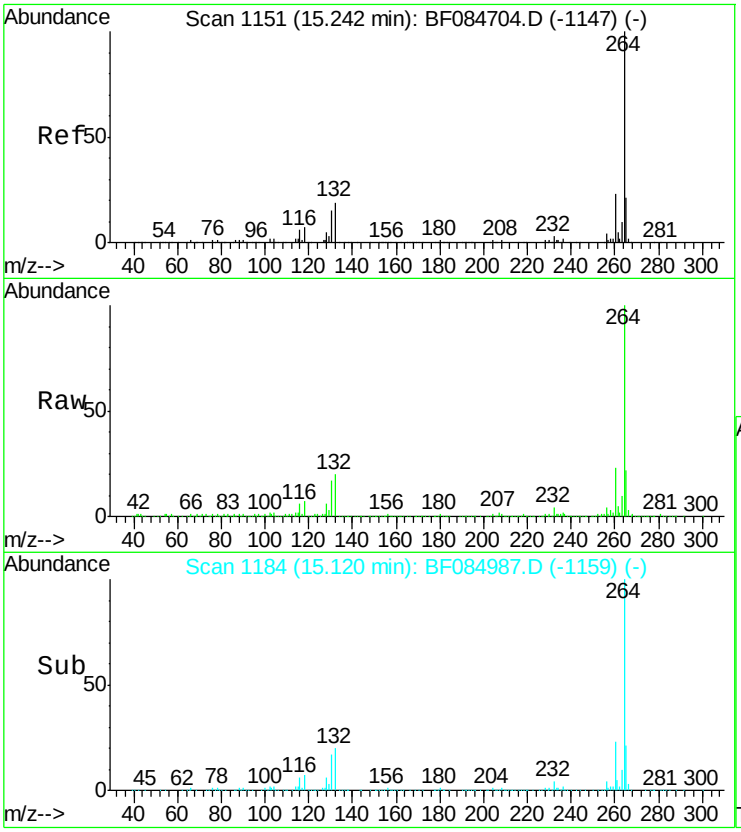


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.24 ng
RT: 16.38 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

Tgt Ion:276 Resp: 48294

Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.6	30.8
277	30.4	20.1	30.1#

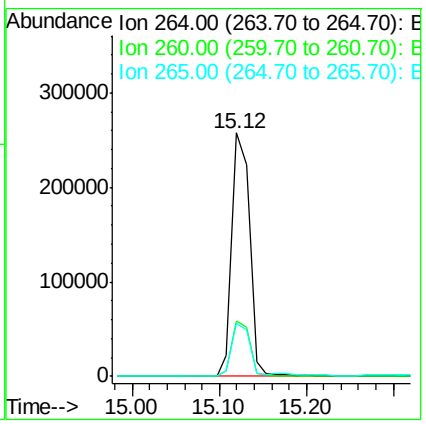




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

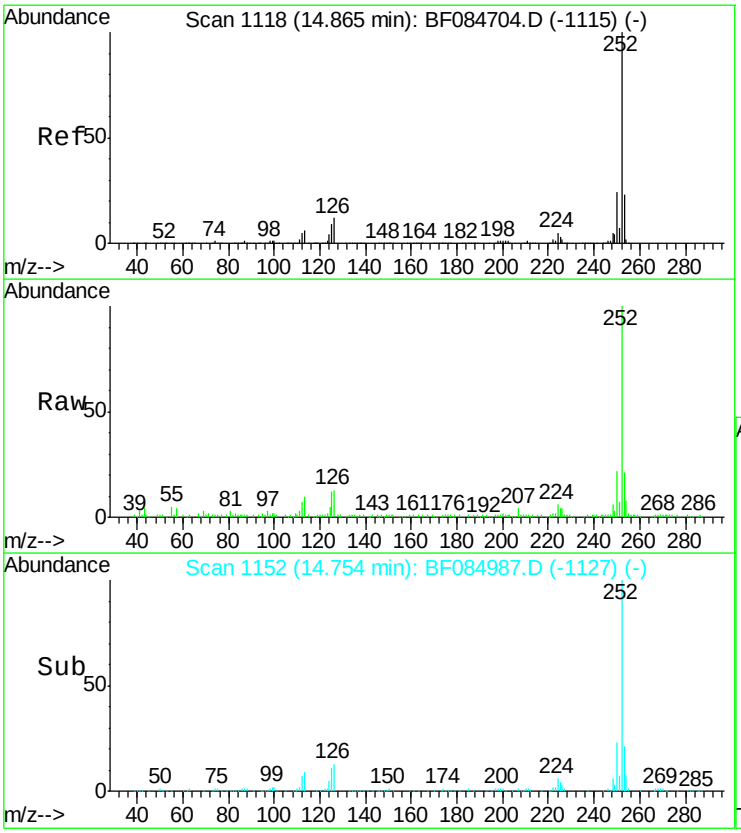
Tgt Ion:264 Resp: 365184

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	21.6	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
S4-B006(21.5-23.5)

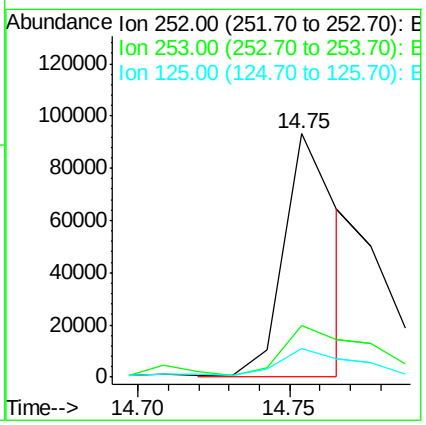
Manual Integrations APPROVED
UMANGI
2/11/2016 10:46:32 AM

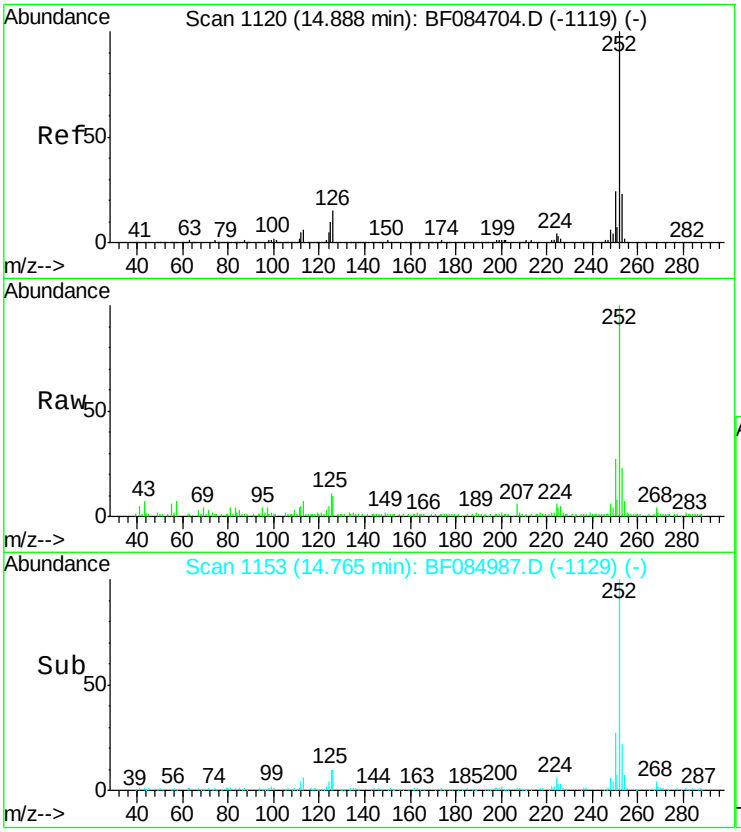


#87
Benzo(b)fluoranthene
Concen: 4.71 ng m
RT: 14.75 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

Tgt Ion:252 Resp: 115620

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.3	25.9
125	11.8	6.5	9.7#

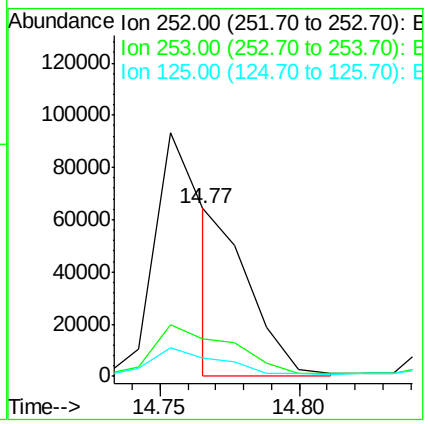




#88
Benzo(k)fluoranthene
Concen: 2.43 ng m
RT: 14.77 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

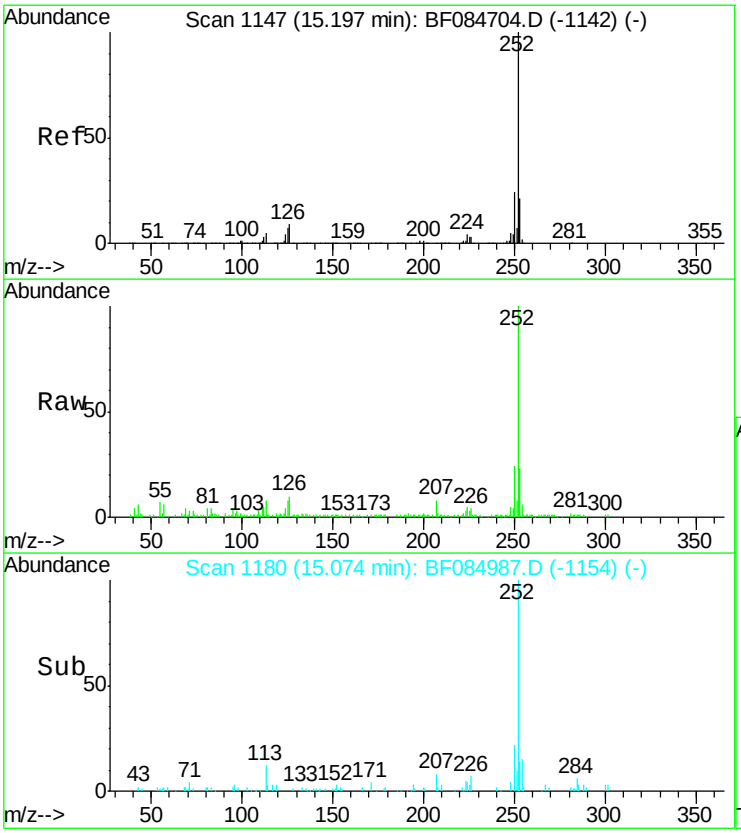
Tgt Ion:252 Resp: 49369

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.0	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
S4-B006(21.5-23.5)

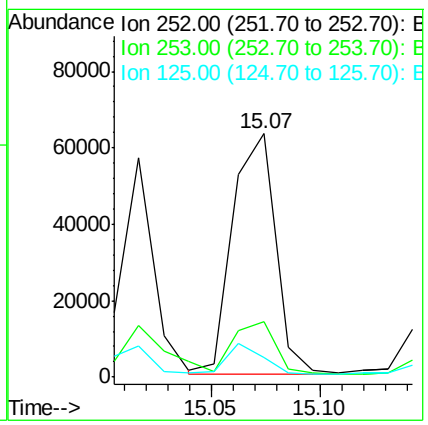
Manual Integrations APPROVED
UMANGI
2/11/2016 10:46:32 AM

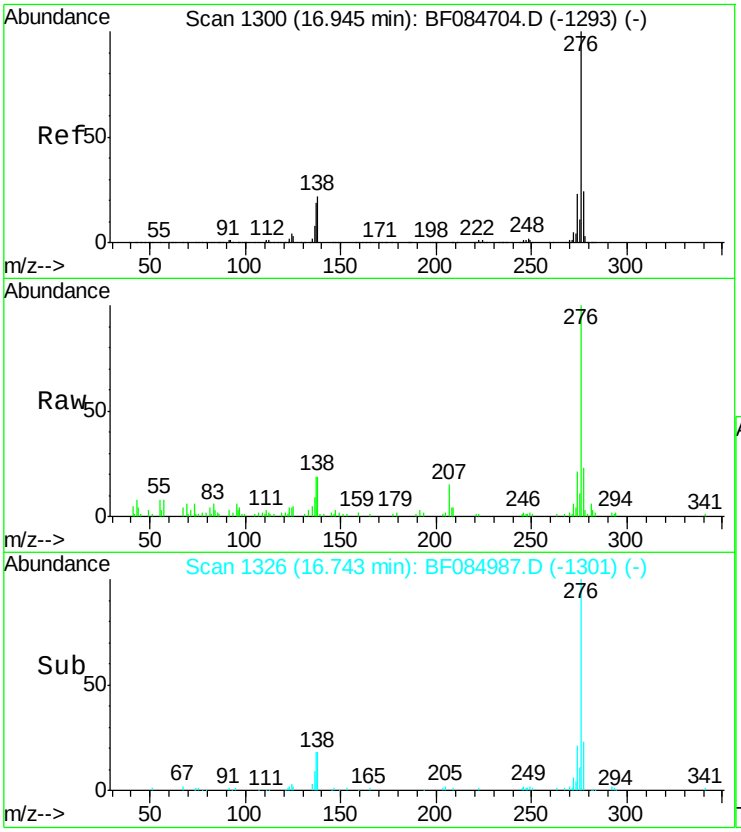


#89
Benzo(a)pyrene
Concen: 4.14 ng
RT: 15.07 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

Tgt Ion:252 Resp: 86608

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	8.2	7.0	10.4

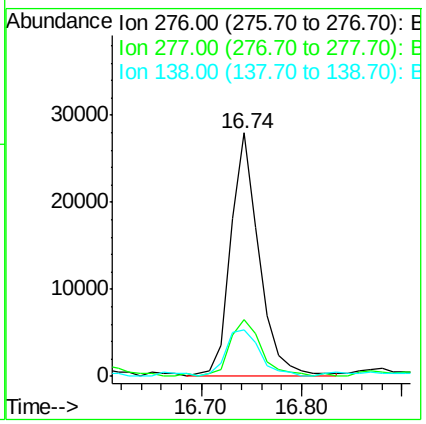




#91
Benzo(g,h,i)perylene
Concen: 3.09 ng
RT: 16.74 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF084987.D
Acq: 10 Feb 2016 12:29

Tgt Ion:276 Resp: 54848

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	19.0	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
S4-B006(21.5-23.5)

Manual Integrations APPROVED
UMANGI
2/11/2016 10:46:32 AM