Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084689.D
Acq On : 30 Jan 2016 16:41
Operator : SJ/IZ
Sample : H1273-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

Manual Integrations APPROVED
MMDadoda
2/1/2016 6:29:51 PM

Quant Time: Feb 01 10:41:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	167440	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	563399	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	224962	20.00	ng		-0.01
63) Phenanthrene-d10	11.24	188	364784	20.00	ng		0.00
75) Chrysene-d12	13.87	240	359297	20.00	ng		0.00
86) Perylene-d12	15.27	264	399087	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	243306	21.93	ng		0.00
7) Phenol-d6	6.37	99	305437	22.97	ng		0.00
23) Nitrobenzene-d5	7.29	82	189403	18.79	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	43761	18.56	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	300586	19.86	ng		0.00
78) Terphenyl-d14	12.83	244	216135	13.59	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.03	128	134534	4.73	ng		98
37) 2-Methylnaphthalene	8.73	142	58877	3.37	ng		98
49) Dimethylphthalate	9.49	163	55969	3.31	ng	#	92
70) Phenanthrene	11.26	178	119879	5.94	ng		99
74) Fluoranthene	12.45	202	121322	6.08	ng		94
77) Pyrene	12.68	202	133075	4.91	ng		98
80) Benzo(a)anthracene	13.86	228	81216	3.63	ng	#	88
82) Chrysene	13.91	228	60788m	2.75	ng		
87) Benzo(b)fluoranthene	14.88	252	71518m	2.77	ng		
89) Benzo(a)pyrene	15.21	252	59545	2.66	ng	#	84

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

Quantitation Report (LSC Reviewed)

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Misc :
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Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

Manual Integrations APPROVED
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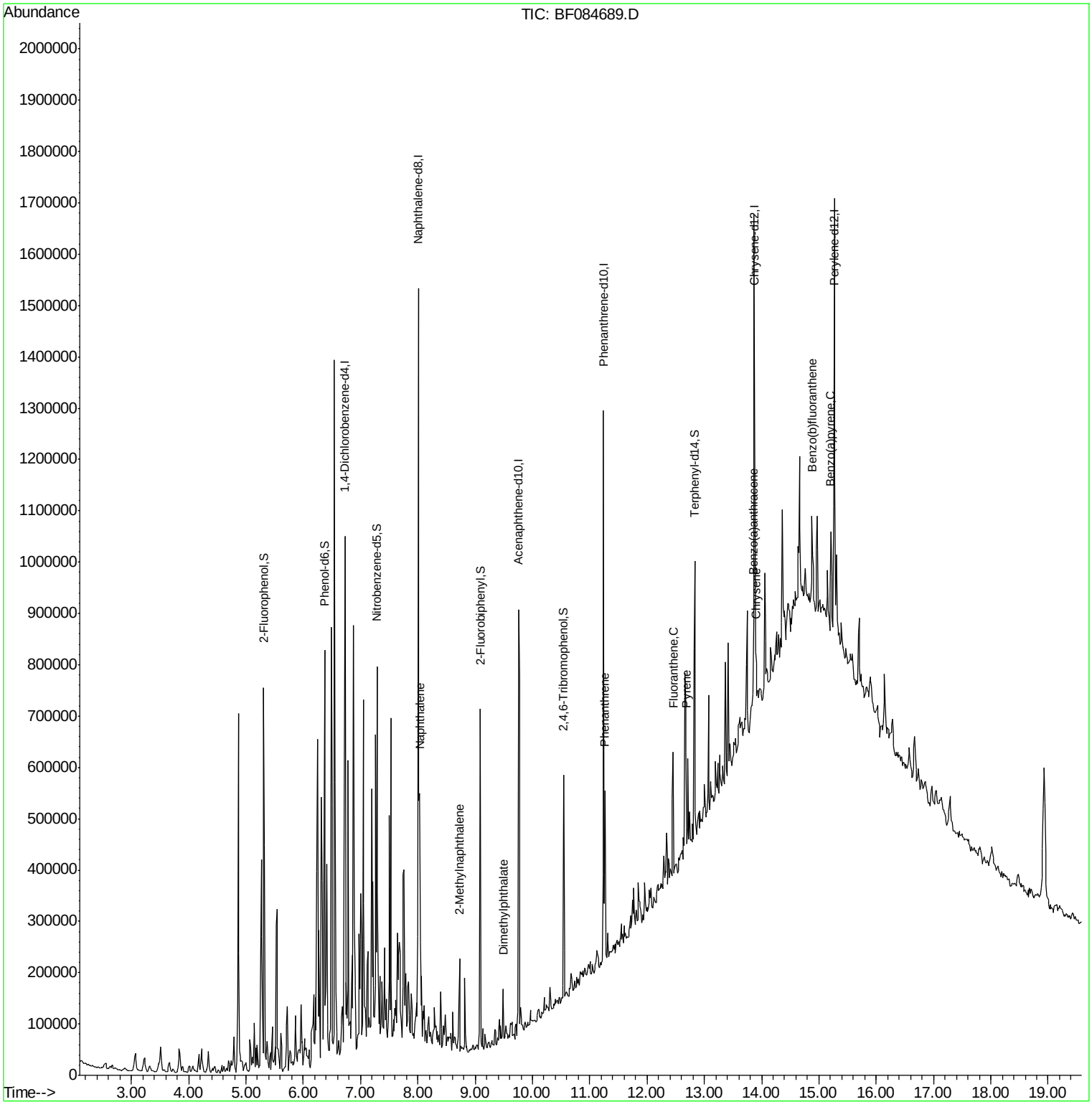
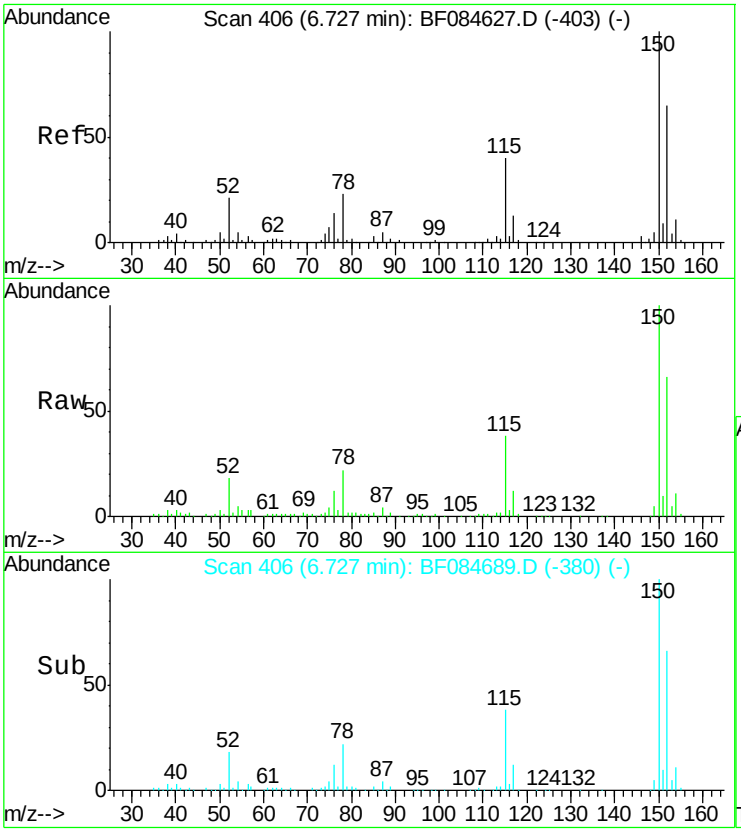
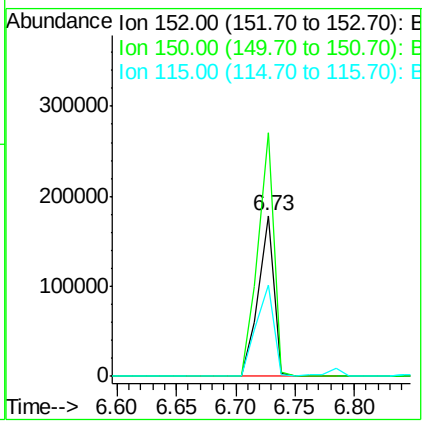




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

Tgt Ion:152 Resp: 167440

Ion	Ratio	Lower	Upper
152	100		
150	151.2	123.0	184.4
115	57.1	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

Manual Integrations APPROVED
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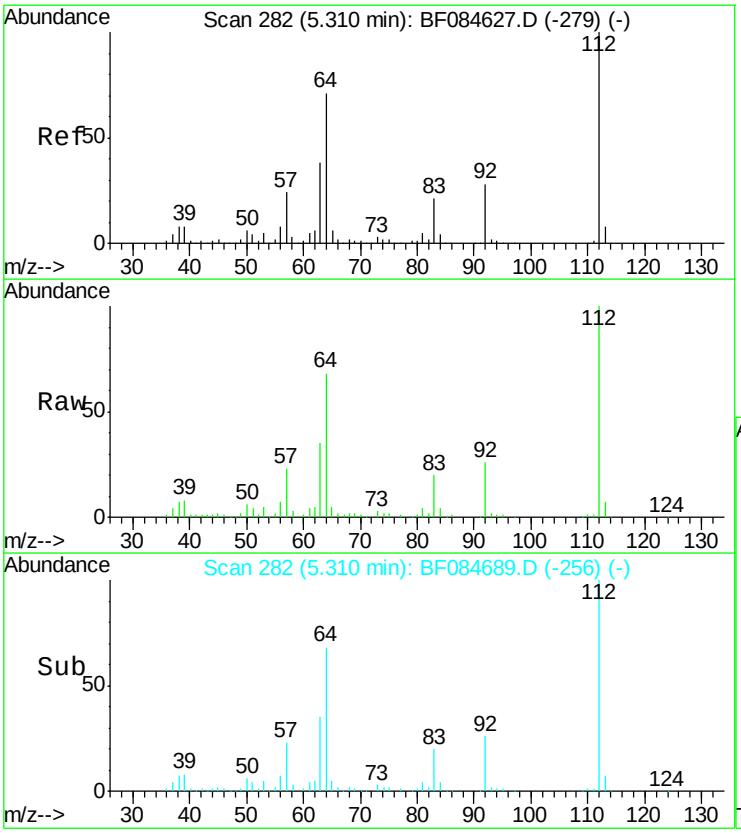
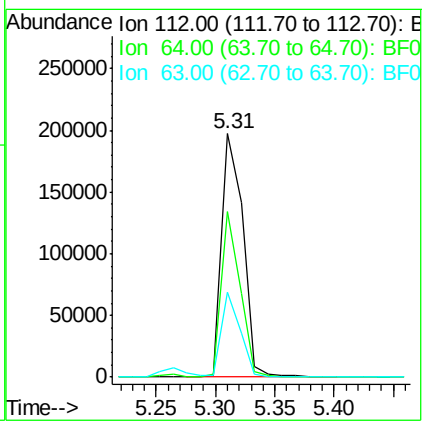
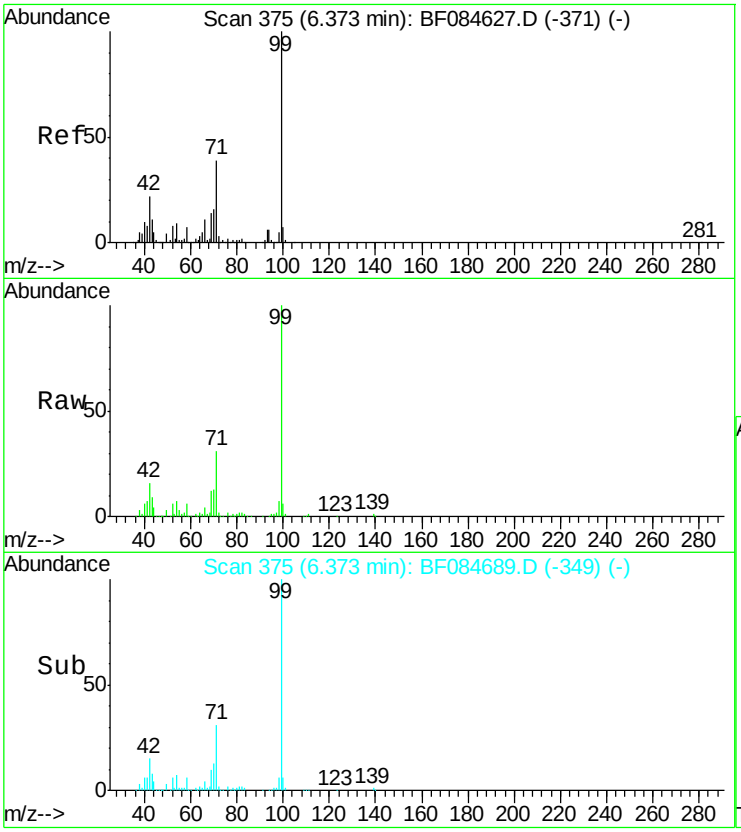


#5
2-Fluorophenol
Concen: 21.93 ng
RT: 5.31 min Scan# 282
Delta R.T. 0.00 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

Tgt Ion:112 Resp: 243306

Ion	Ratio	Lower	Upper
112	100		
64	68.0	36.6	55.0#
63	34.9	19.4	29.0#

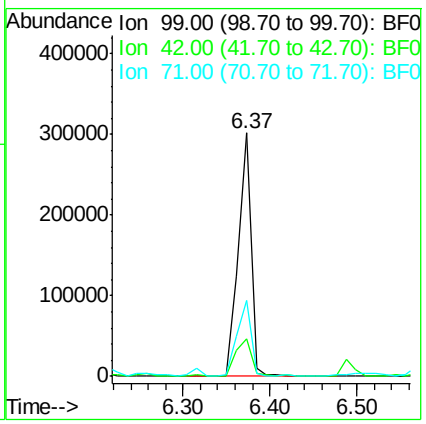




#7
Phenol-d6
Concen: 22.97 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

Tgt Ion: 99 Resp: 305437

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.8	19.2
71	31.0	30.9	46.3



Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

Manual Integrations APPROVED
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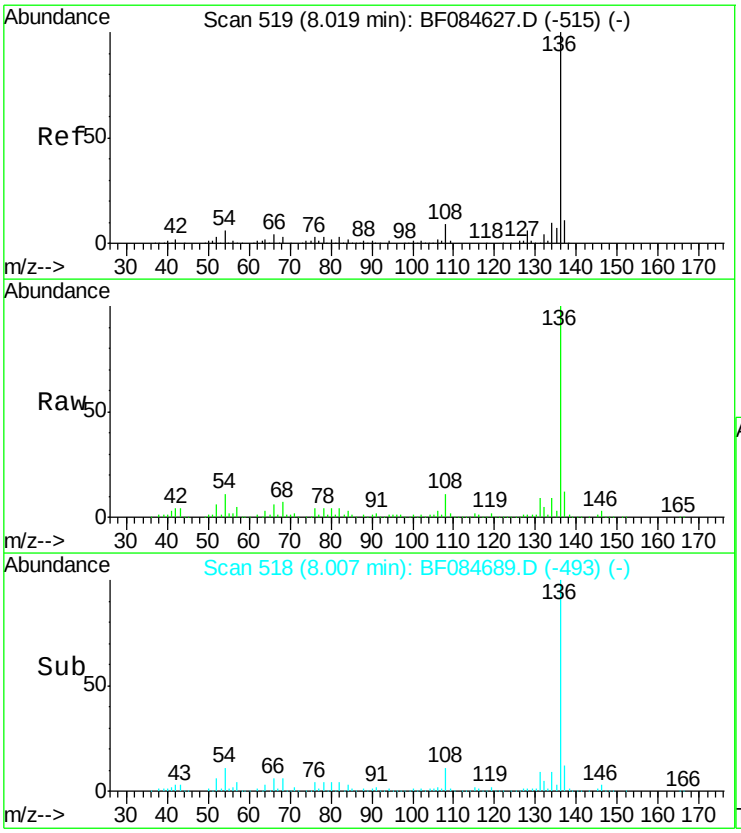
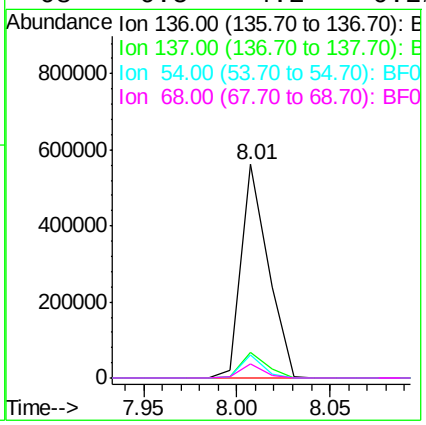
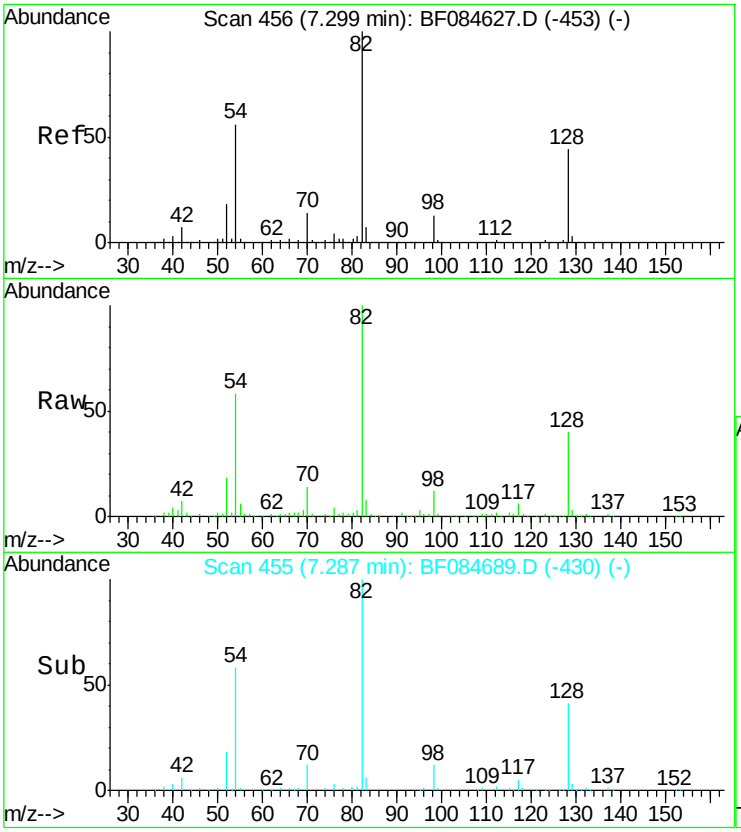


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

Tgt Ion:136 Resp: 563399

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	10.6	5.8	8.8#
68	6.5	4.2	6.2#

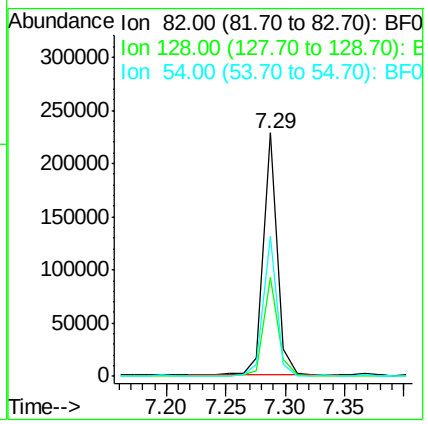




#23
Nitrobenzene-d5
Concen: 18.79 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

Tgt Ion: 82 Resp: 189403

Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.6	51.8
54	57.6	38.4	57.6#



Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

Manual Integrations APPROVED
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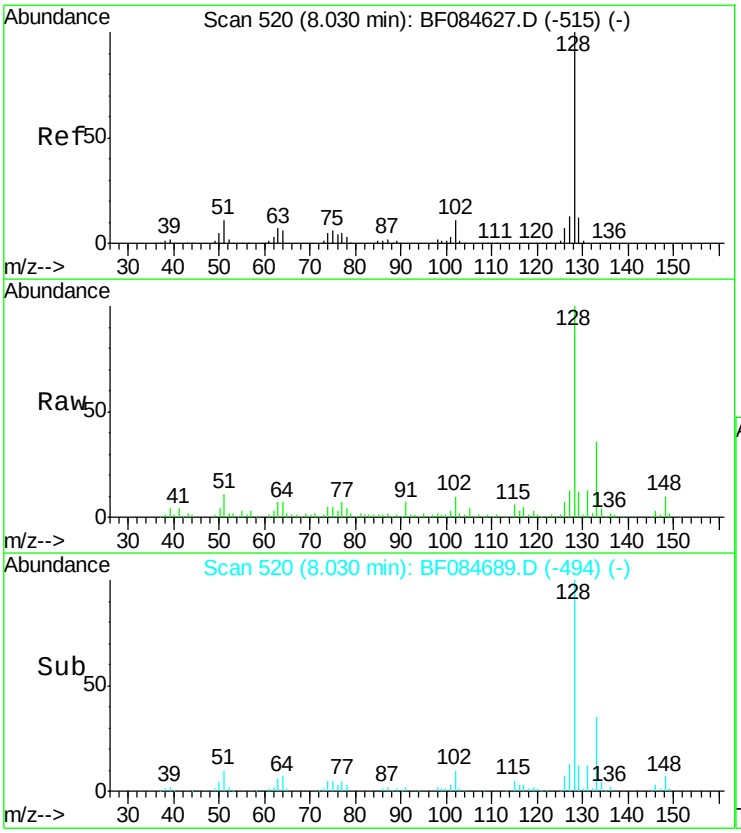
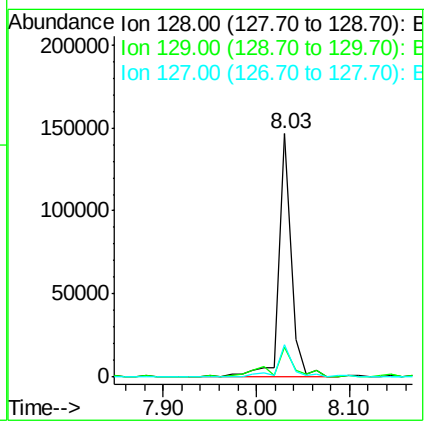
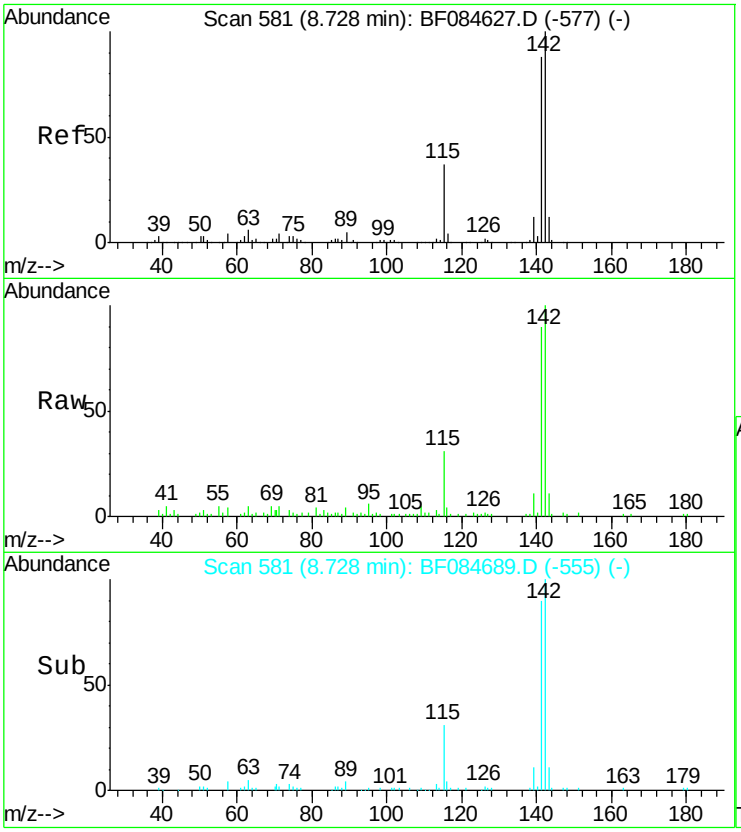


#31
Naphthalene
Concen: 4.73 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

Tgt Ion:128 Resp: 134534

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.1	13.7
127	13.4	11.1	16.7

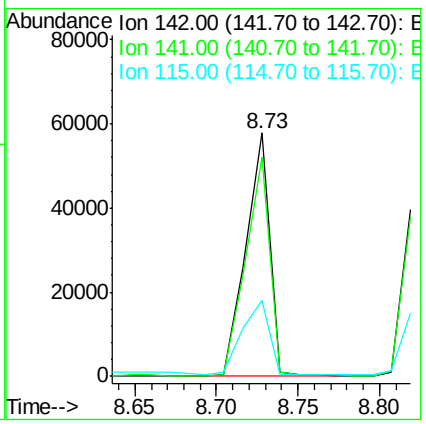




#37
2-Methylnaphthalene
Concen: 3.37 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

Tgt Ion:142 Resp: 58877

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.4	108.6
115	31.2	27.9	41.9



Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

Manual Integrations APPROVED
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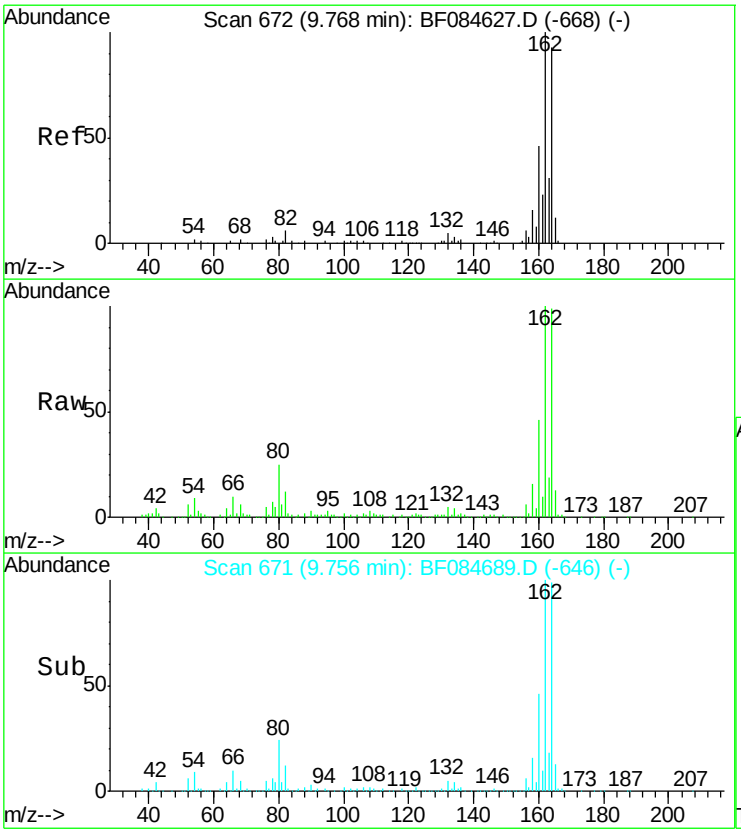
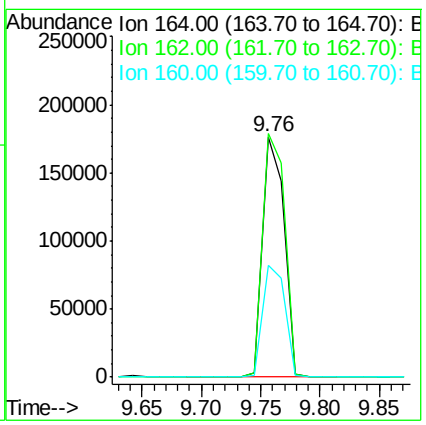
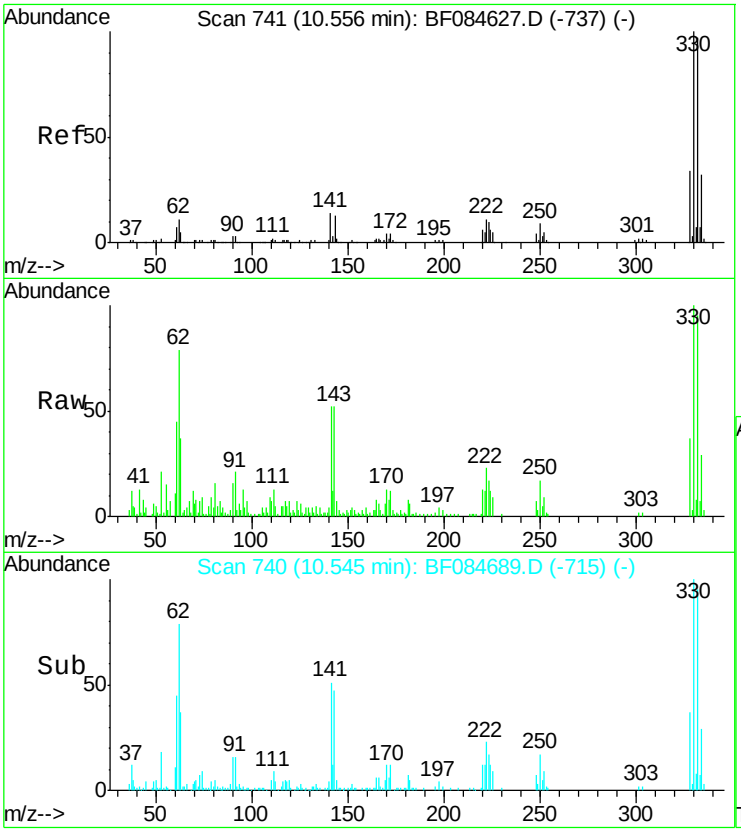


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

Tgt Ion:164 Resp: 224962

Ion	Ratio	Lower	Upper
164	100		
162	101.3	85.1	127.7
160	46.4	37.5	56.3

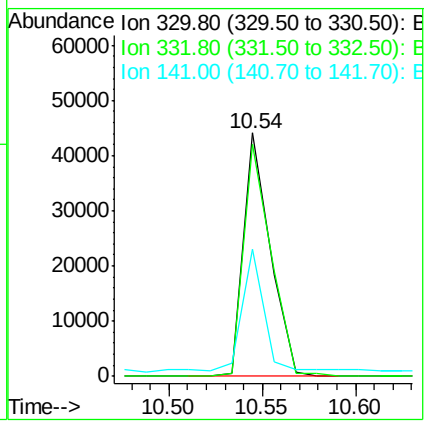




#41
2,4,6-Tribromophenol
Concen: 18.56 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

Tgt Ion:330 Resp: 43761

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	114.8
141	43.6	27.8	41.6#



Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

Manual Integrations APPROVED
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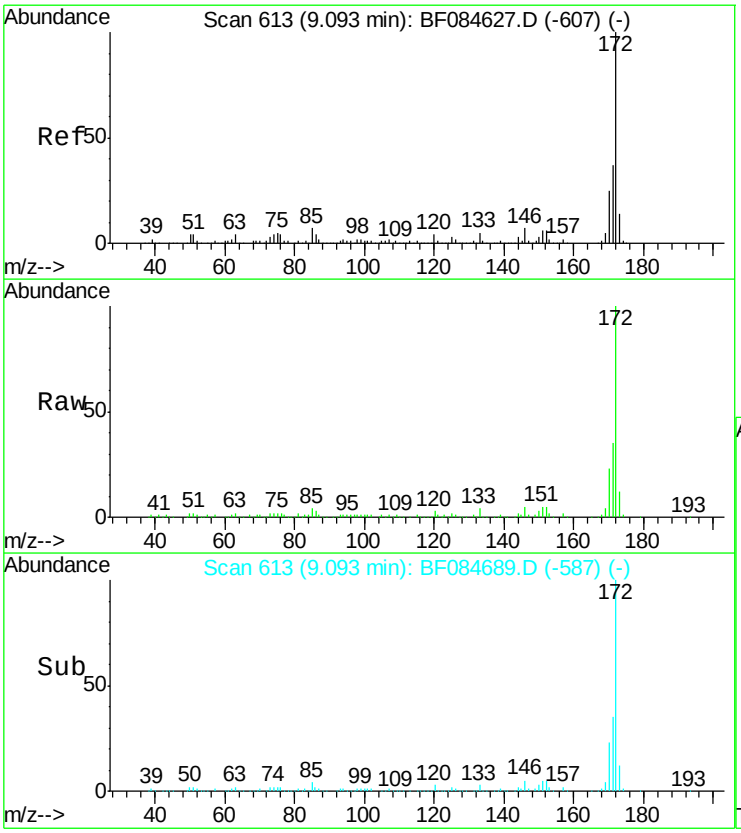
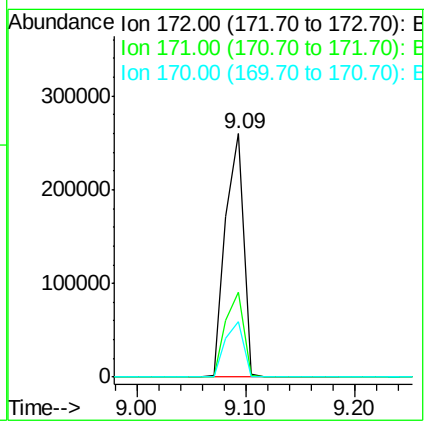
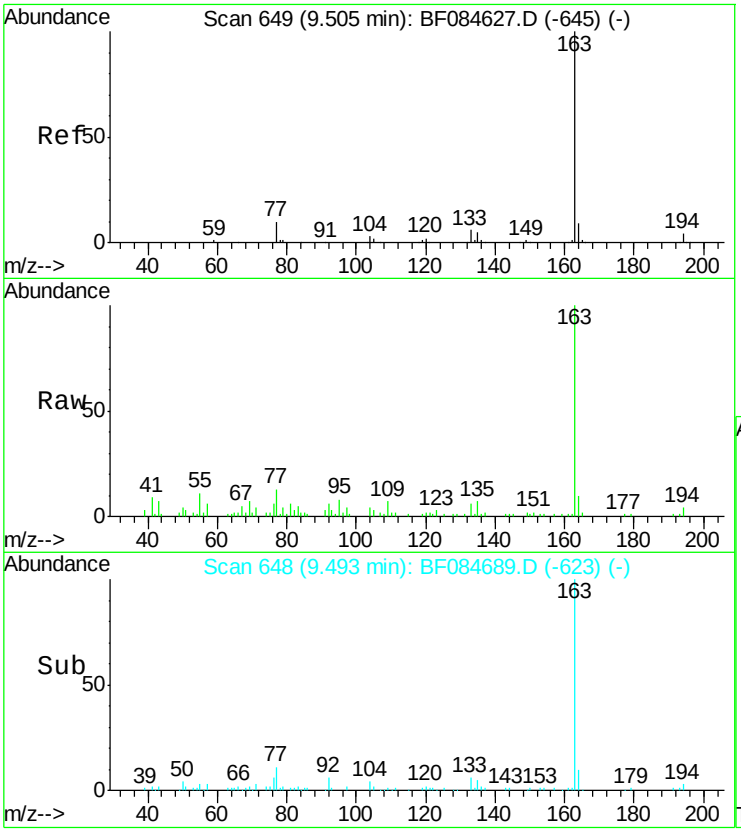


#44
2-Fluorobiphenyl
Concen: 19.86 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

Tgt Ion:172 Resp: 300586

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.9	43.3
170	22.9	18.6	27.8

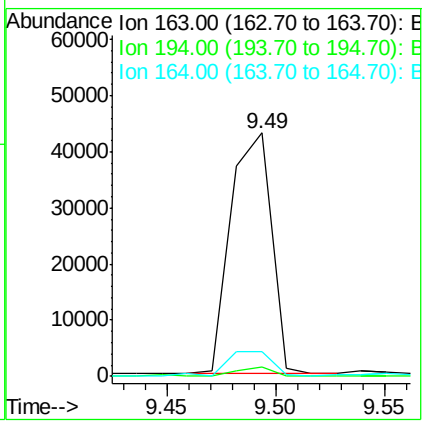




#49
Dimethylphthalate
Concen: 3.31 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

Tgt Ion:163 Resp: 55969

Ion	Ratio	Lower	Upper
163	100		
194	3.9	8.0	12.0#
164	9.9	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

Manual Integrations APPROVED
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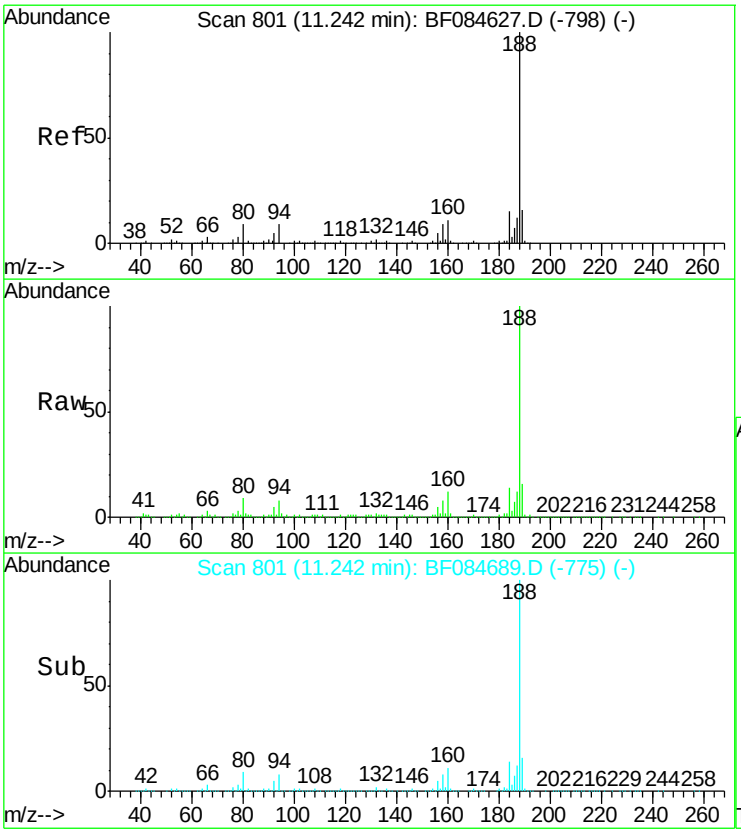
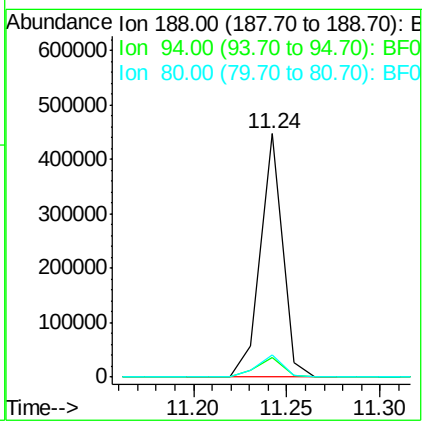
2/1/2016 6:29:51 PM

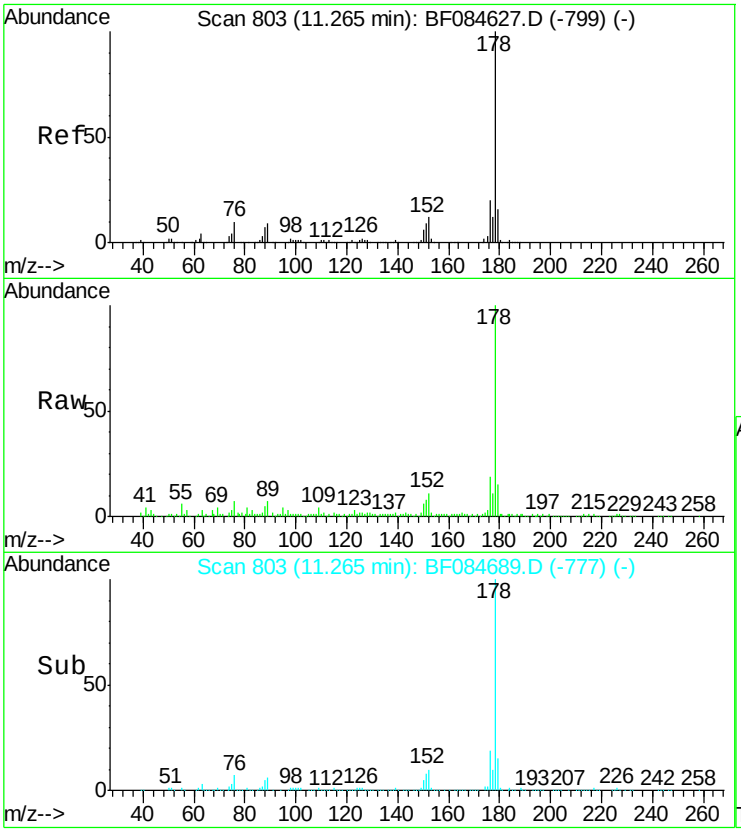


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

Tgt Ion:188 Resp: 364784

Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.0	13.4#
80	9.0	9.6	14.4#

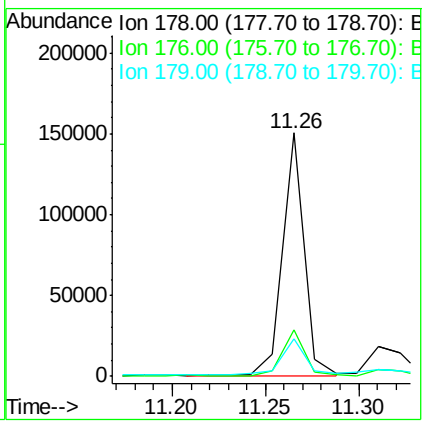




#70
Phenanthrene
Concen: 5.94 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

Tgt Ion:178 Resp: 119879

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.0	18.0



Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

Manual Integrations APPROVED
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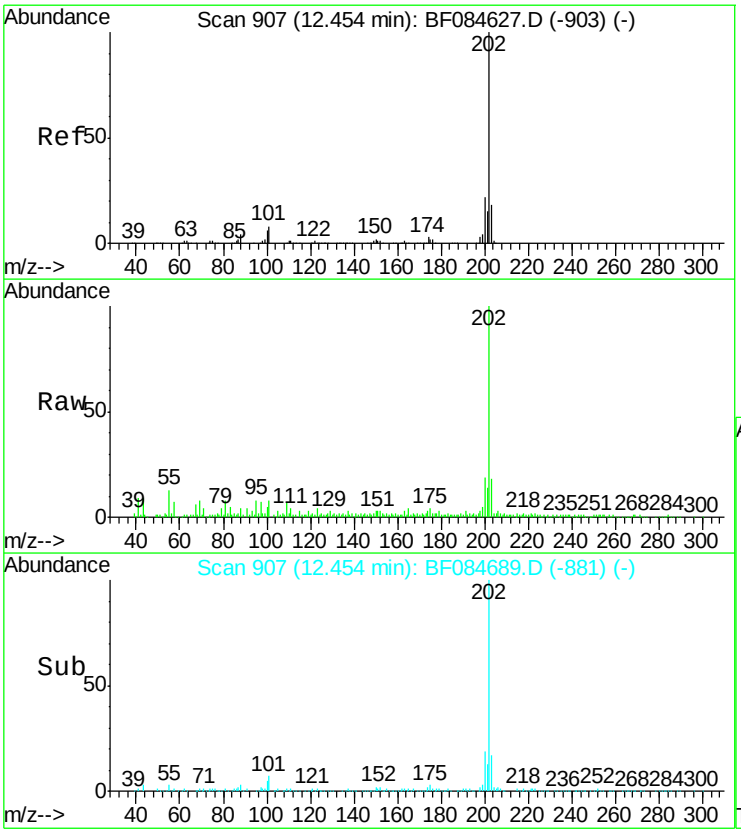
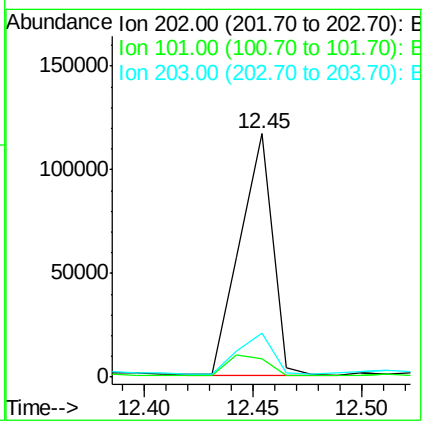
2/1/2016 6:29:51 PM

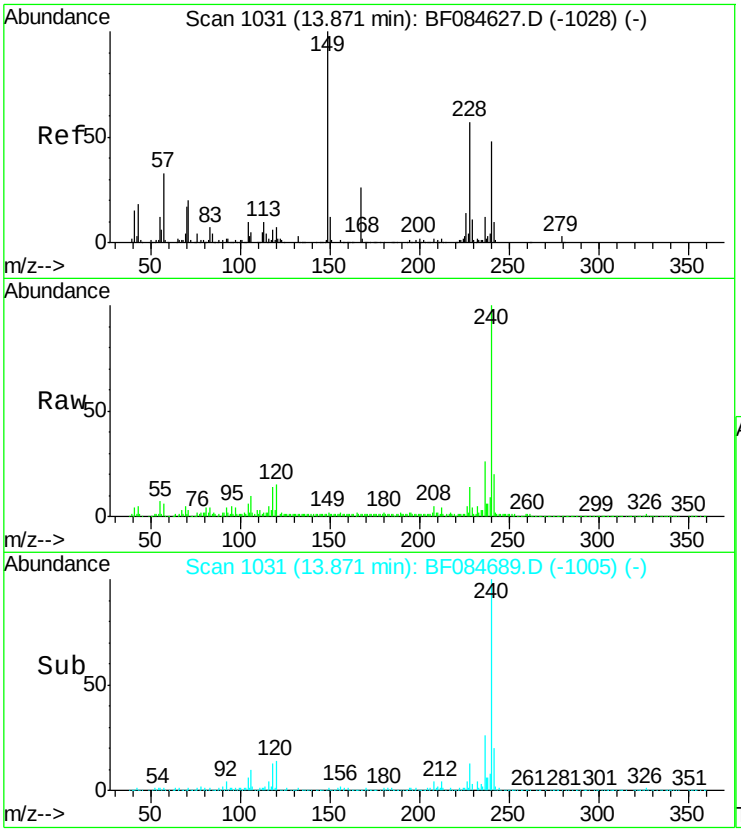


#74
Fluoranthene
Concen: 6.08 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

Tgt Ion:202 Resp: 121322

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	32.8
203	18.2	0.0	37.9





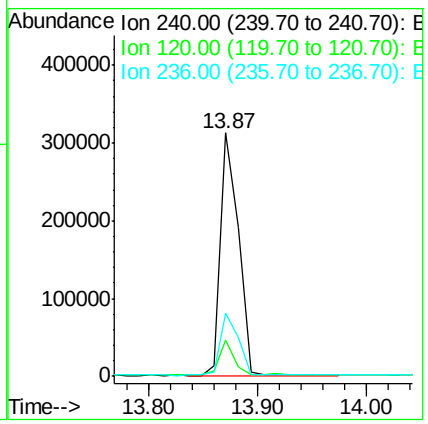
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

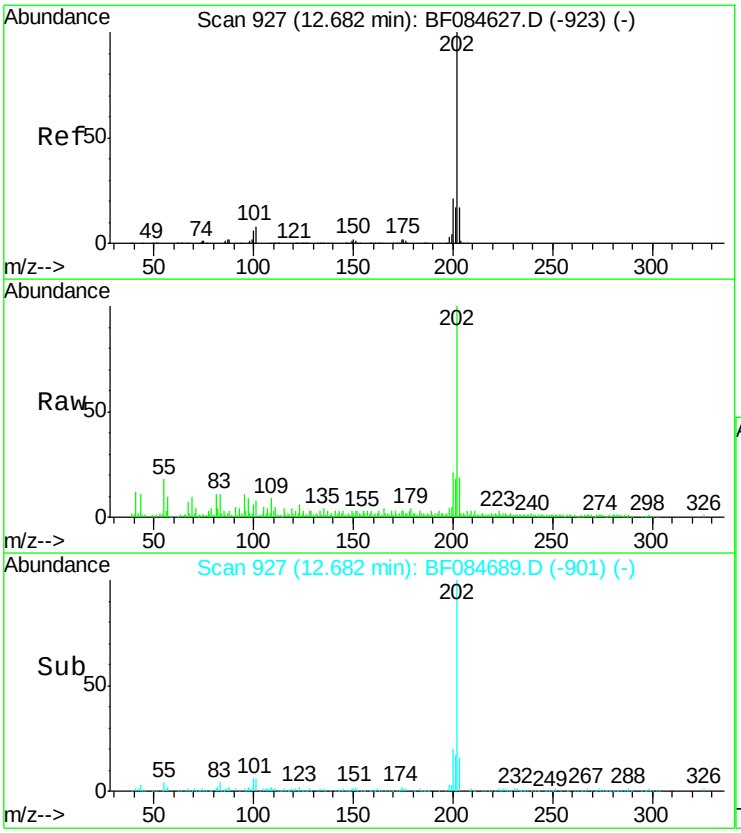
Tgt Ion:240 Resp: 359297

Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	26.2	20.6	31.0

Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

Manual Integrations APPROVED
MMDadoda
2/1/2016 6:29:51 PM

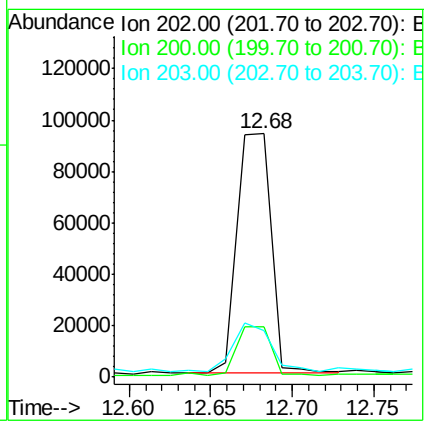


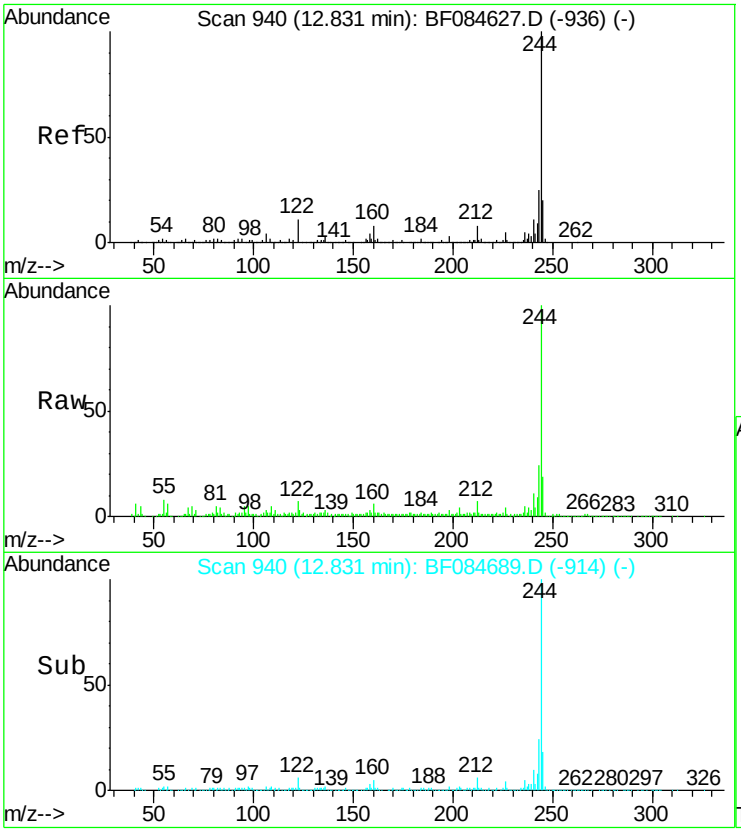


#77
Pyrene
Concen: 4.91 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

Tgt Ion:202 Resp: 133075

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.2	25.8
203	18.9	14.3	21.5

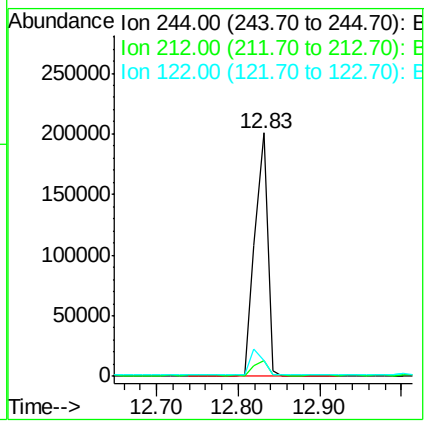




#78
Terphenyl-d14
Concen: 13.59 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

Tgt Ion:244 Resp: 216135

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	6.7	7.4	11.0#



Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

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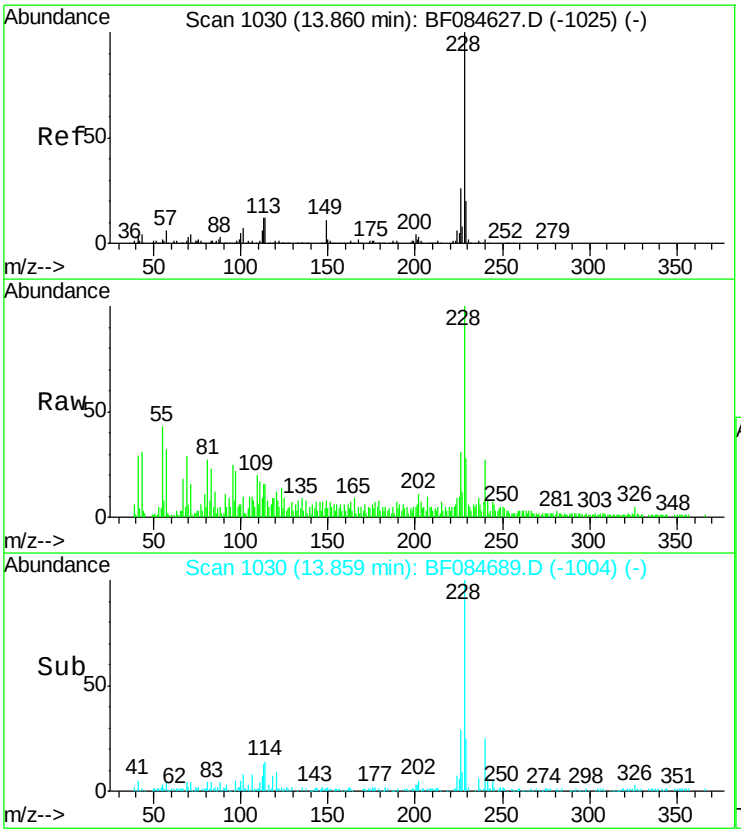
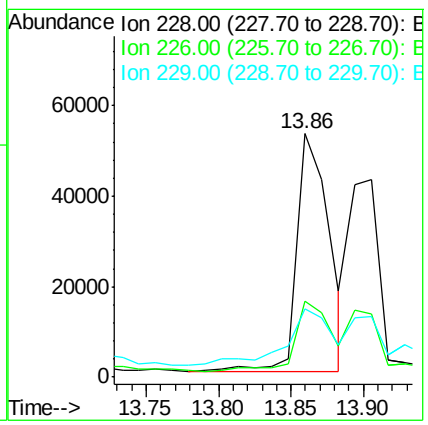
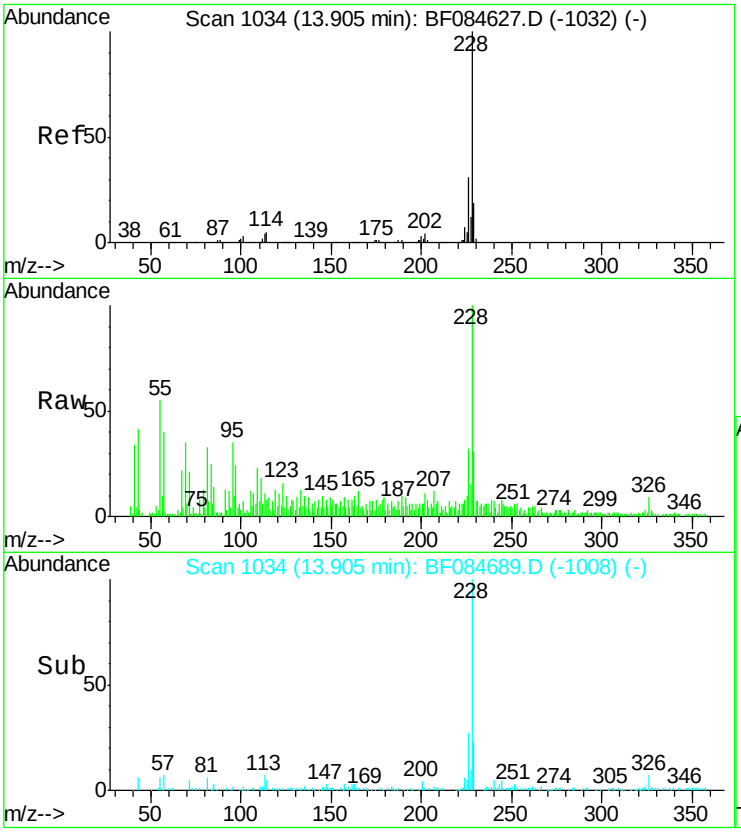


#80
Benzo(a)anthracene
Concen: 3.63 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

Tgt Ion:228 Resp: 81216

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.8	32.6
229	28.3	15.8	23.8#

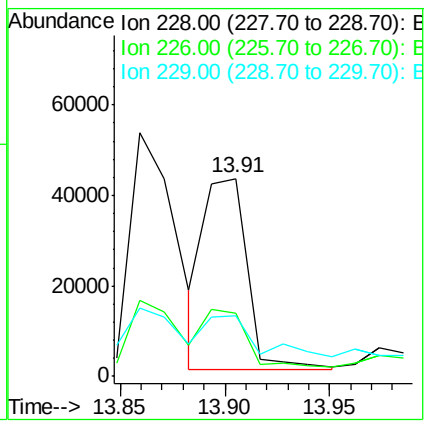




#82
Chrysene
Concen: 2.75 ng m
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

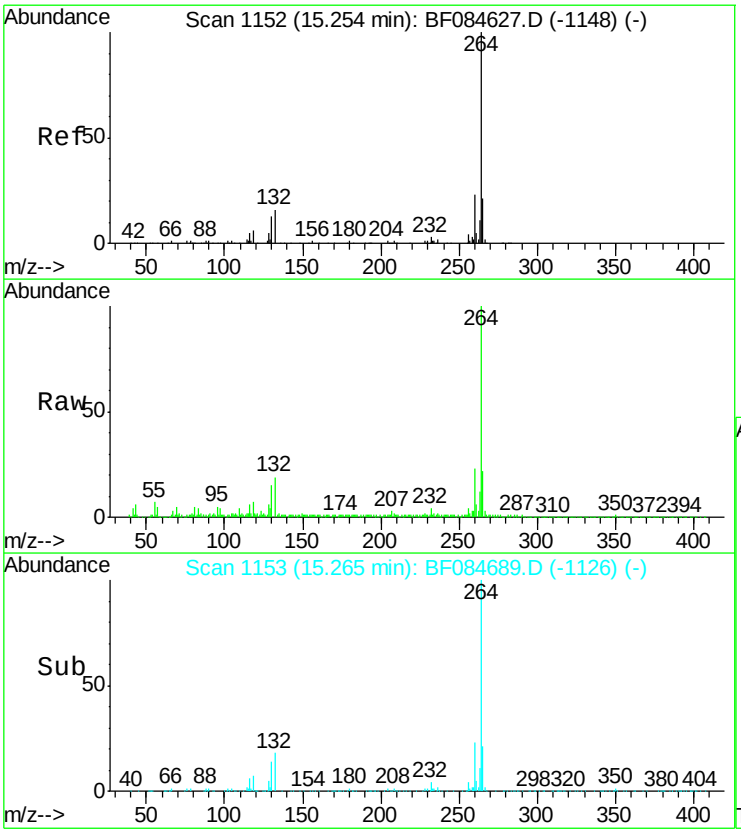
Tgt Ion:228 Resp: 60788

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.3	36.5
229	30.8	16.1	24.1#



Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

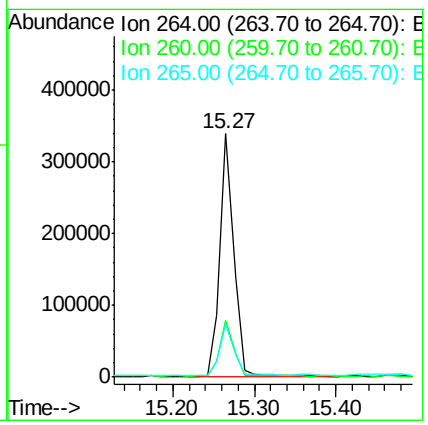
Manual Integrations APPROVED
MMDadoda
2/1/2016 6:29:51 PM

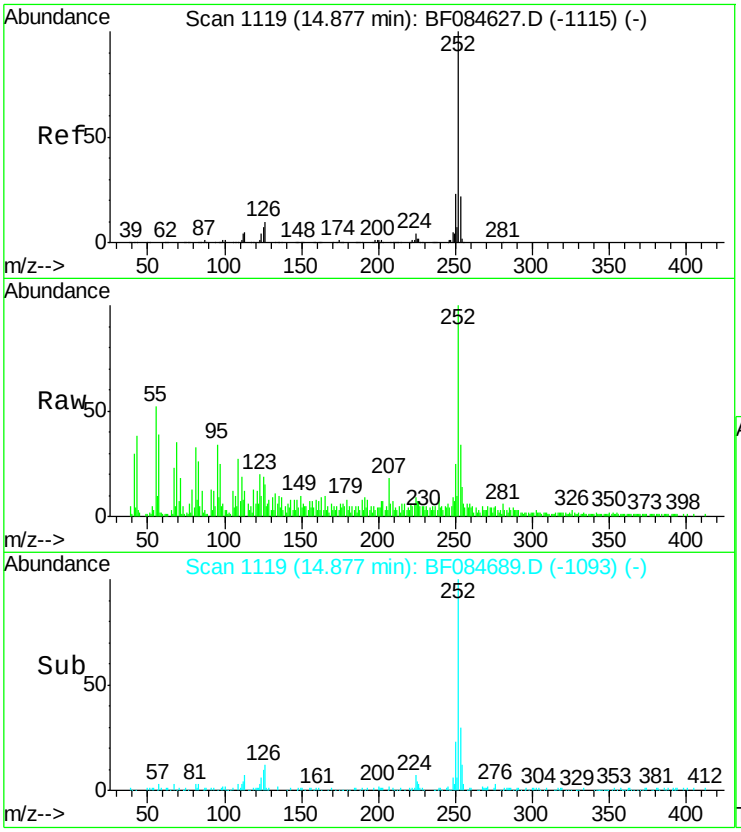


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

Tgt Ion:264 Resp: 399087

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	22.0	17.8	26.6

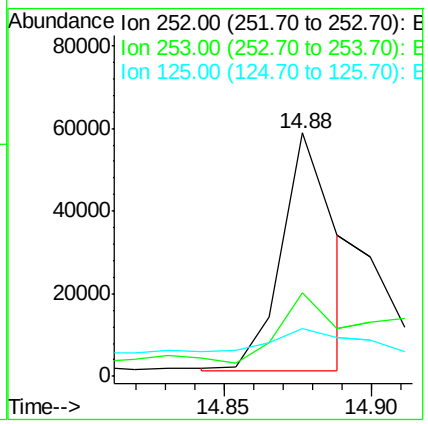




#87
Benzo(b)fluoranthene
Concen: 2.77 ng m
RT: 14.88 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

Tgt Ion:252 Resp: 71518

Ion	Ratio	Lower	Upper
252	100		
253	34.2	17.3	25.9#
125	19.4	6.5	9.7#



Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

Manual Integrations APPROVED
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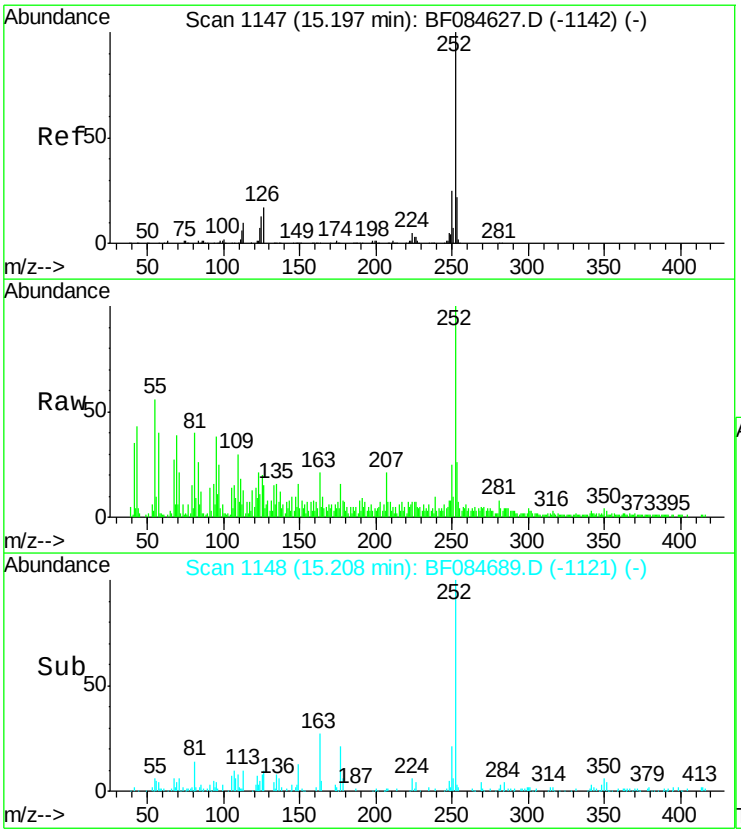

#89
Benzo(a)pyrene
Concen: 2.66 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF084689.D
Acq: 30 Jan 2016 16:41

Tgt Ion:252 Resp: 59545

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.3	25.9
125	20.2	7.0	10.4#