Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084683.D
Acq On : 30 Jan 2016 13:54
Operator : SJ/IZ
Sample : H1273-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B010(10-12)

Manual Integrations APPROVED
mohammad
2/1/2016 2:26:28 PM

Quant Time: Feb 01 02:29:46 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	180932	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	673962	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	288681	20.00	ng		-0.01
63) Phenanthrene-d10	11.24	188	470486	20.00	ng		0.00
75) Chrysene-d12	13.87	240	364056	20.00	ng		0.00
86) Perylene-d12	15.25	264	386391	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1133711	94.58	ng		0.01
7) Phenol-d6	6.37	99	1360323	94.69	ng		0.00
23) Nitrobenzene-d5	7.29	82	898503	74.51	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	276174	91.28	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	1431910	73.73	ng		0.00
78) Terphenyl-d14	12.83	244	838028	51.99	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.49	163	392065	18.10	ng	#	91
70) Phenanthrene	11.26	178	168189	6.46	ng		99
74) Fluoranthene	12.44	202	157415	6.12	ng		98
77) Pyrene	12.67	202	168922	6.15	ng		98
80) Benzo(a)anthracene	13.86	228	92948	4.10	ng		98
82) Chrysene	13.89	228	62687	2.80	ng		95
83) Bis(2-ethylhexyl)phthalate	13.87	149	42214	2.77	ng	#	98
87) Benzo(b)fluoranthene	14.88	252	86983m	3.48	ng		
89) Benzo(a)pyrene	15.20	252	62458	2.89	ng	#	89

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

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Instrument :
BNA_F
ClientSampleId :
SUP-B010(10-12)

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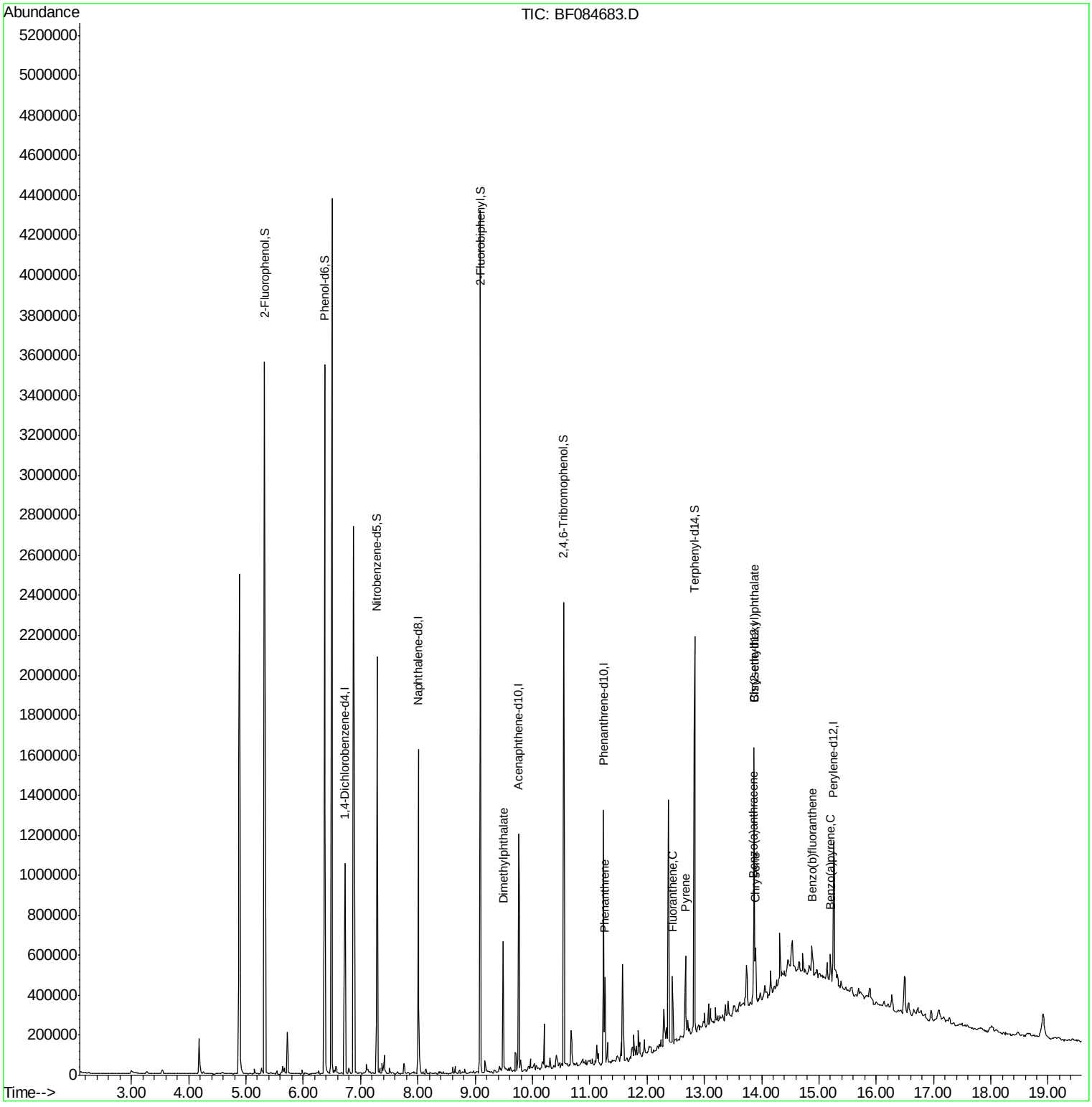
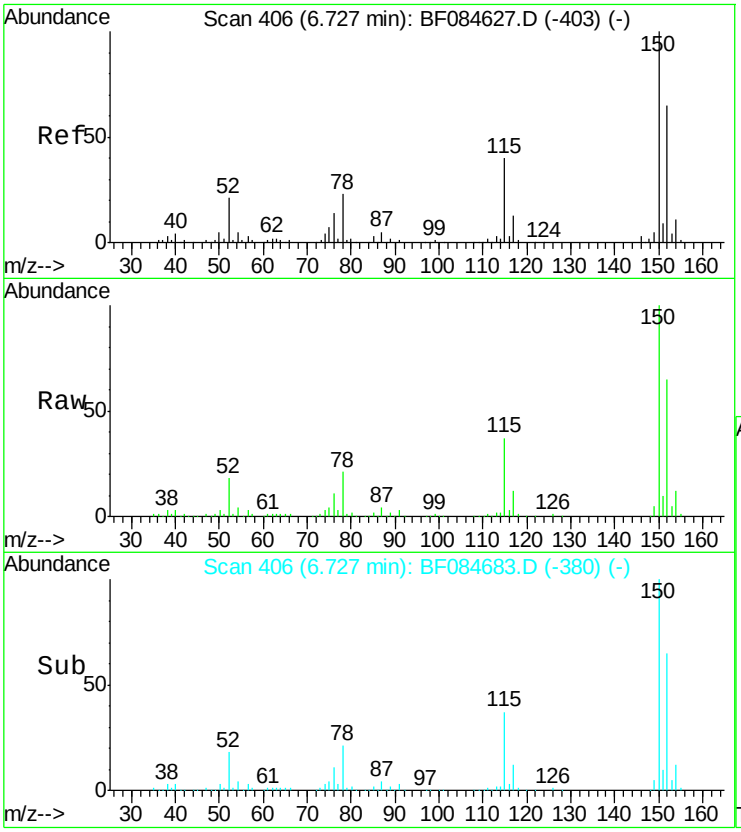
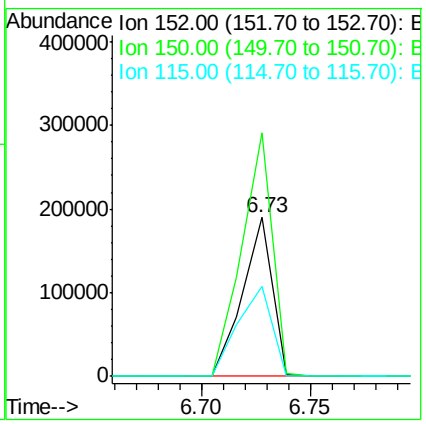




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion:152 Resp: 180932

Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.0	184.4
115	56.7	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
SUP-B010(10-12)

Manual Integrations APPROVED
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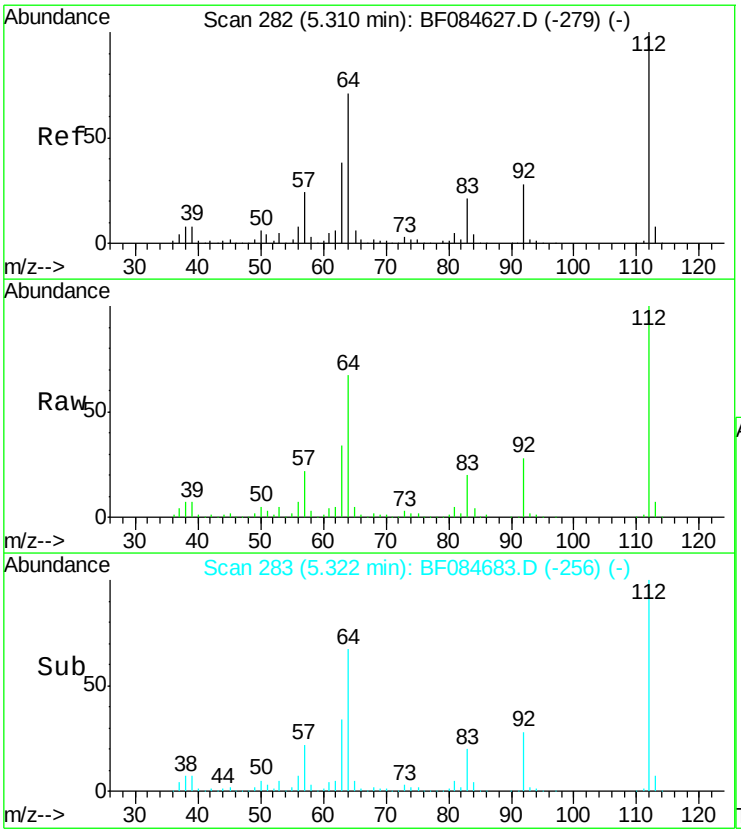
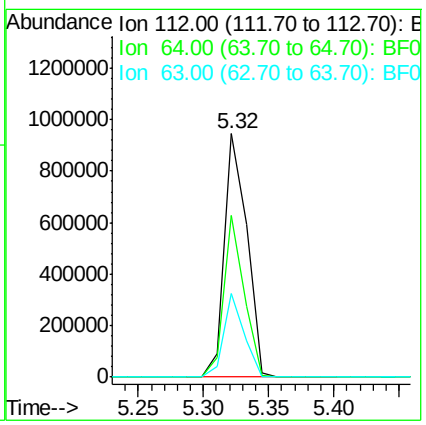
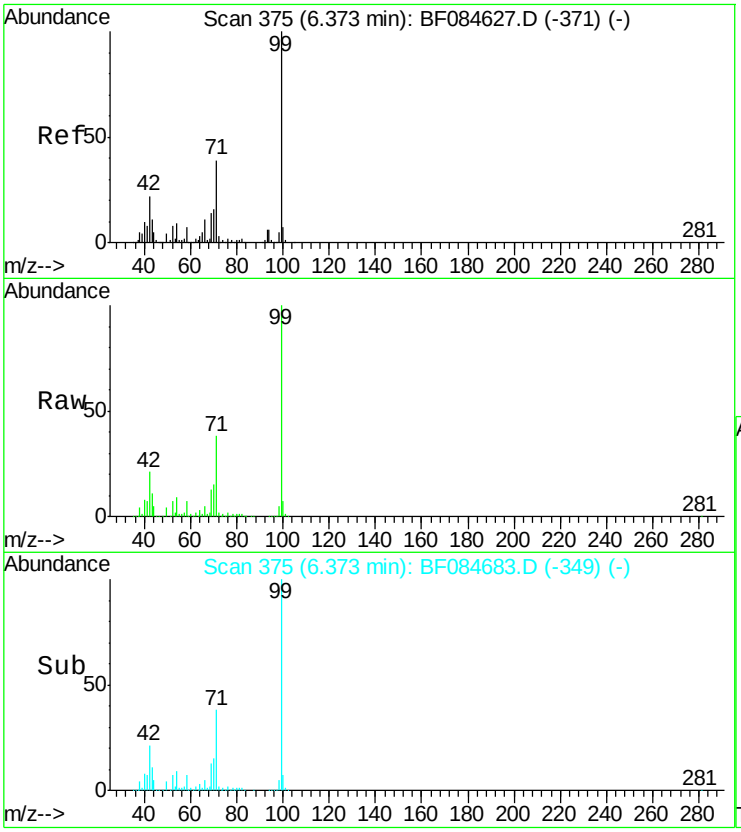


#5
2-Fluorophenol
Concen: 94.58 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion:112 Resp: 1133711

Ion	Ratio	Lower	Upper
112	100		
64	66.6	36.6	55.0#
63	34.5	19.4	29.0#

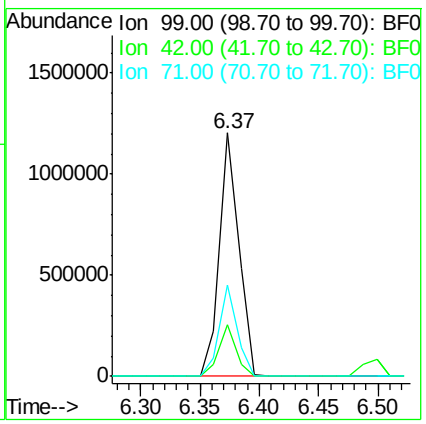




#7
Phenol-d6
Concen: 94.69 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion: 99 Resp: 1360323

Ion	Ratio	Lower	Upper
99	100		
42	21.4	12.8	19.2#
71	37.7	30.9	46.3



Instrument :
BNA_F
ClientSampleId :
SUP-B010(10-12)

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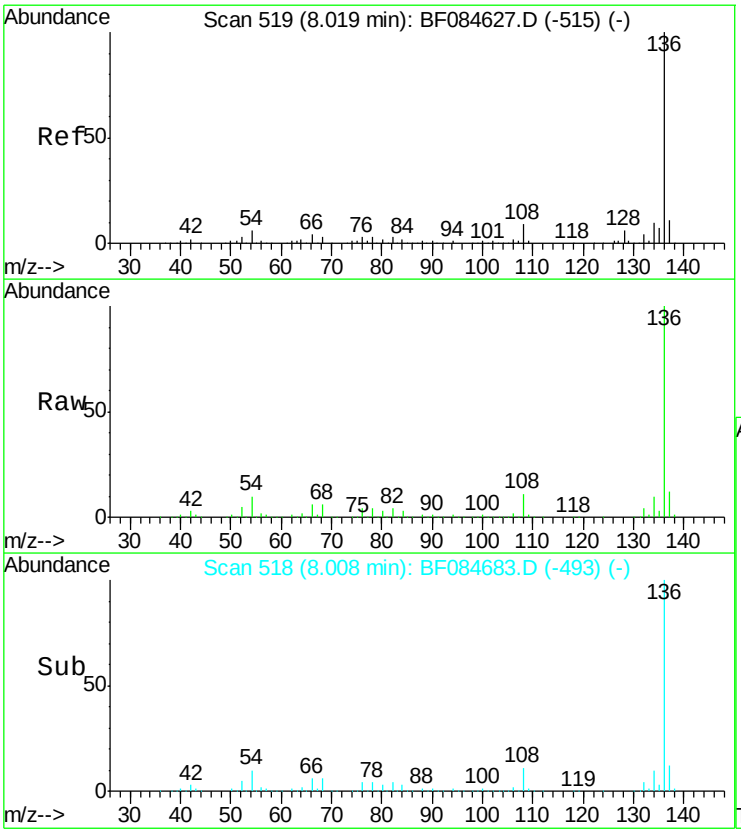
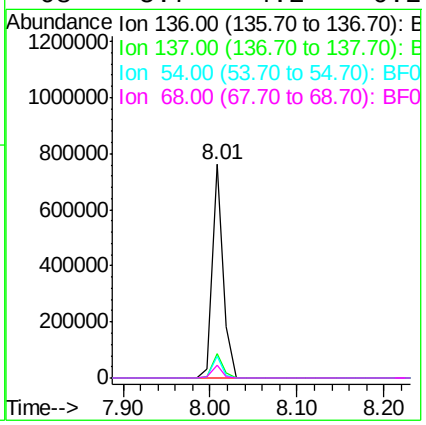
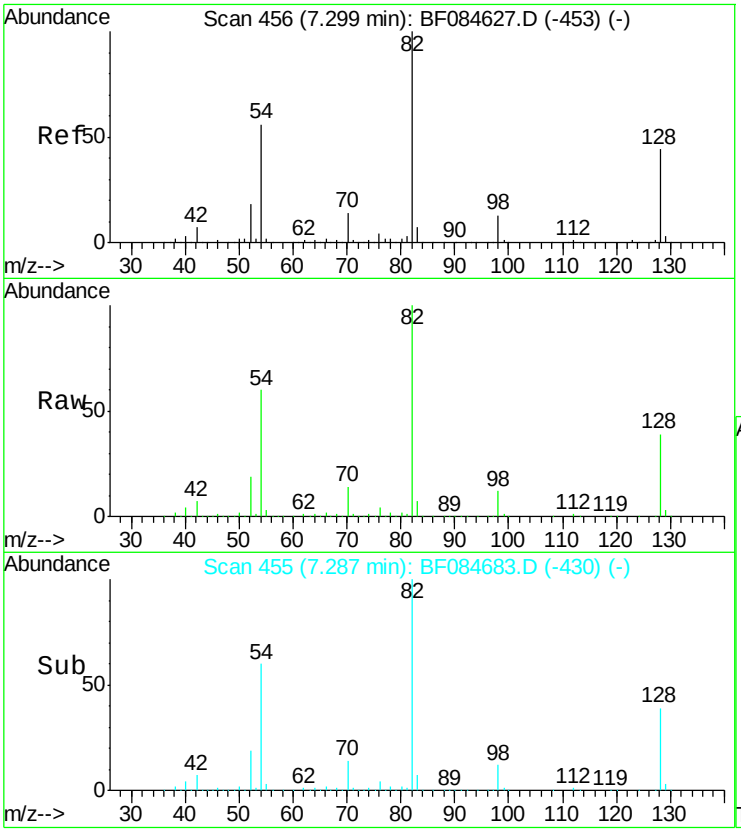


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion:136 Resp: 673962

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	10.1	5.8	8.8#
68	5.7	4.2	6.2

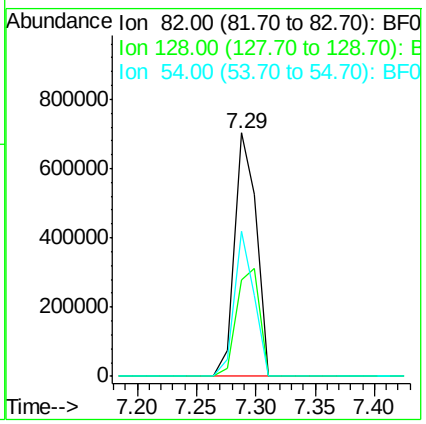




#23
Nitrobenzene-d5
Concen: 74.51 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion: 82 Resp: 898503

Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.6	51.8
54	59.5	38.4	57.6#



Instrument :
BNA_F
ClientSampleId :
SUP-B010(10-12)

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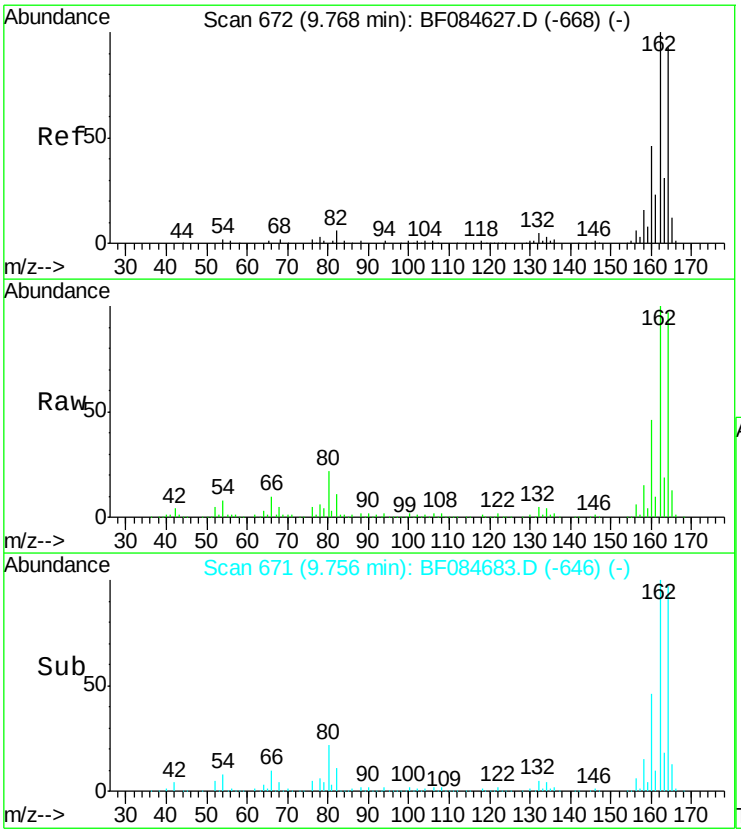
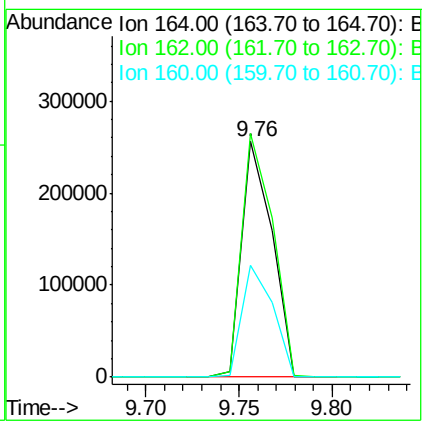
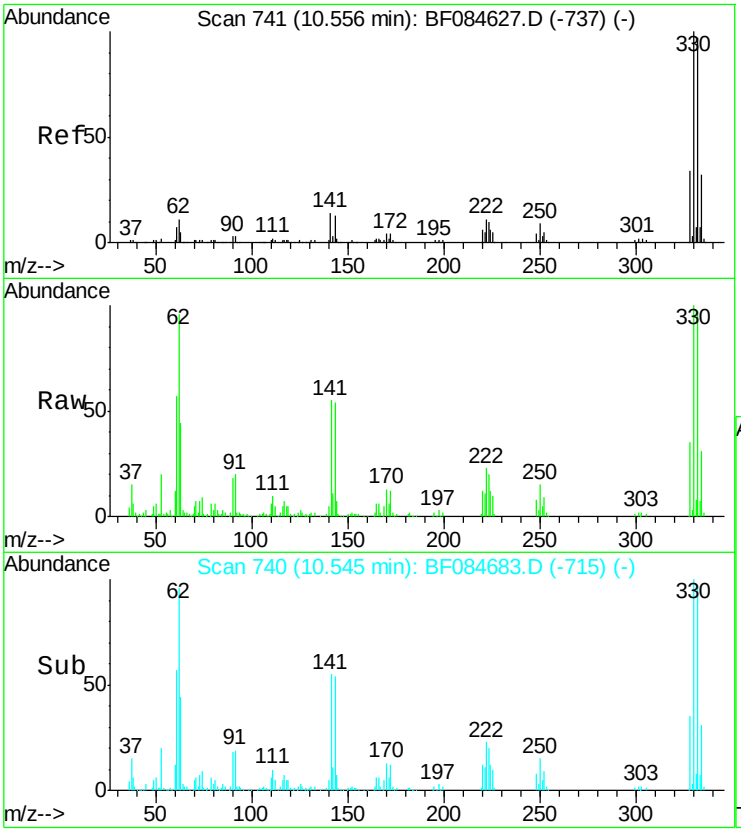


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion:164 Resp: 288681

Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.1	127.7
160	47.2	37.5	56.3

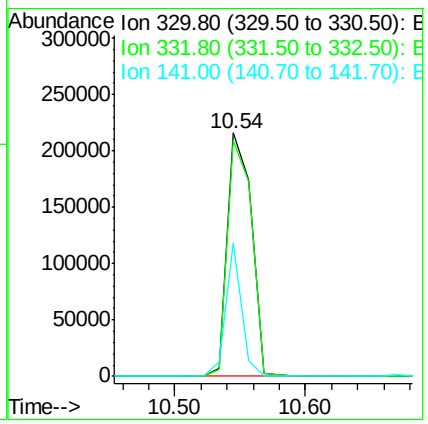




#41
2,4,6-Tribromophenol
Concen: 91.28 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion:330 Resp: 276174

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	114.8
141	37.2	27.8	41.6



Instrument :
BNA_F
ClientSampleId :
SUP-B010(10-12)

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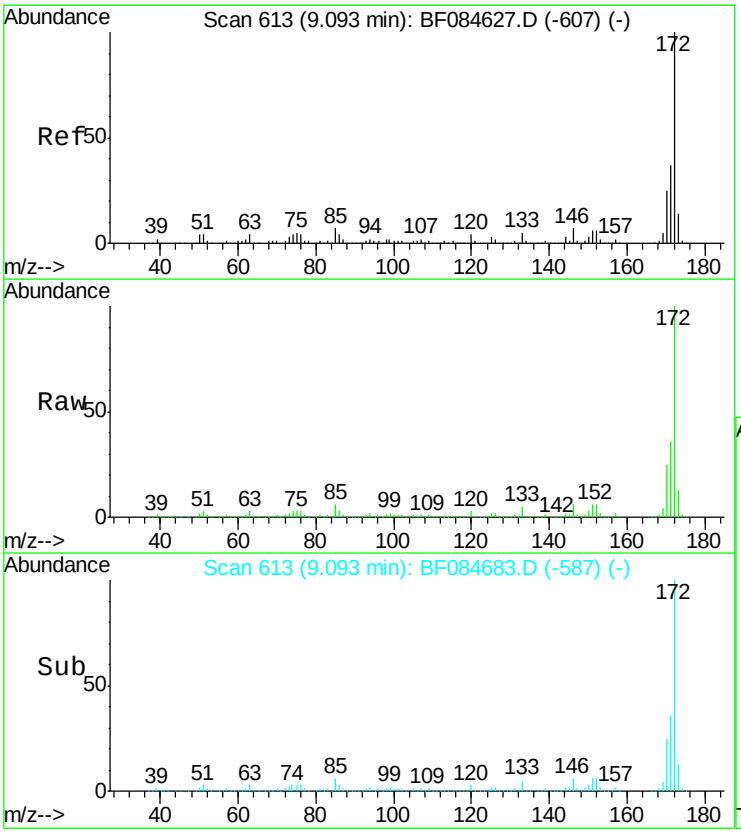
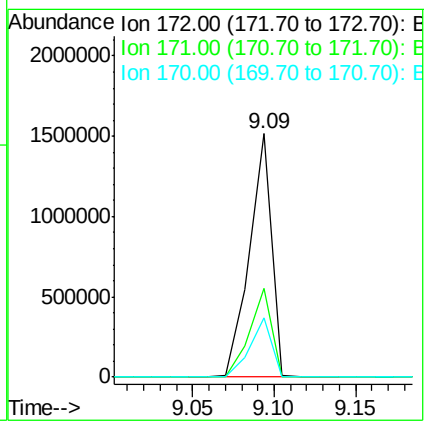
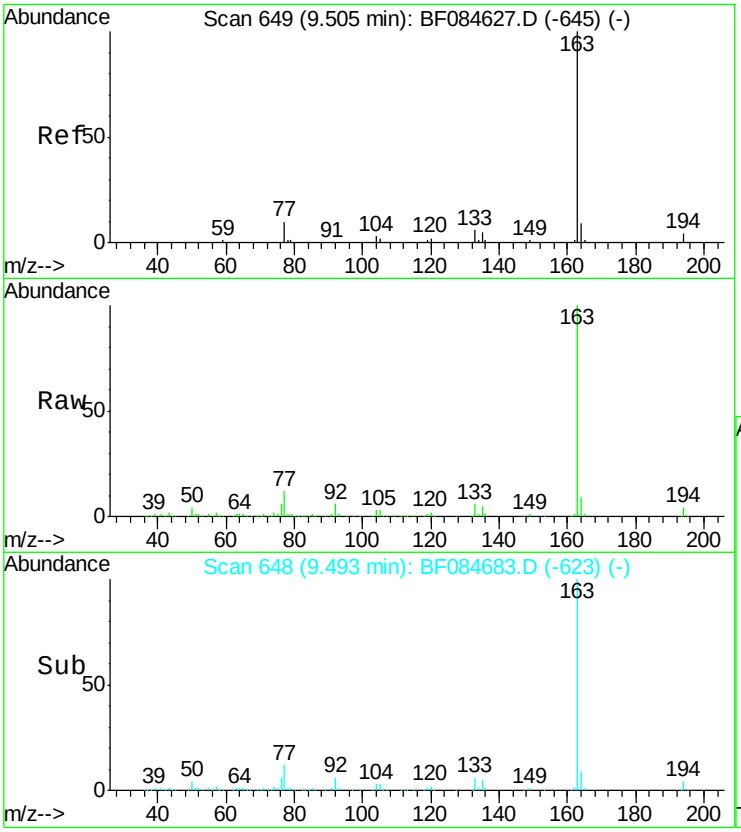


#44
2-Fluorobiphenyl
Concen: 73.73 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion:172 Resp: 1431910

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.5	18.6	27.8

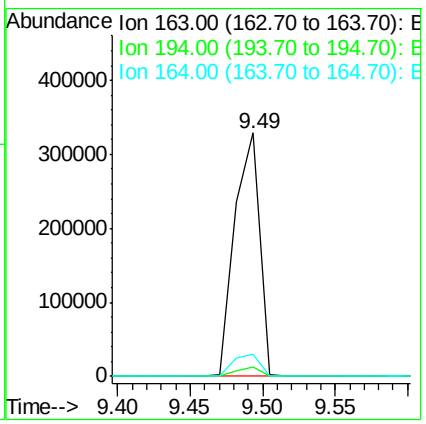




#49
Dimethylphthalate
Concen: 18.10 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion:163 Resp: 392065

Ion	Ratio	Lower	Upper
163	100		
194	3.9	8.0	12.0#
164	9.3	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
SUP-B010(10-12)

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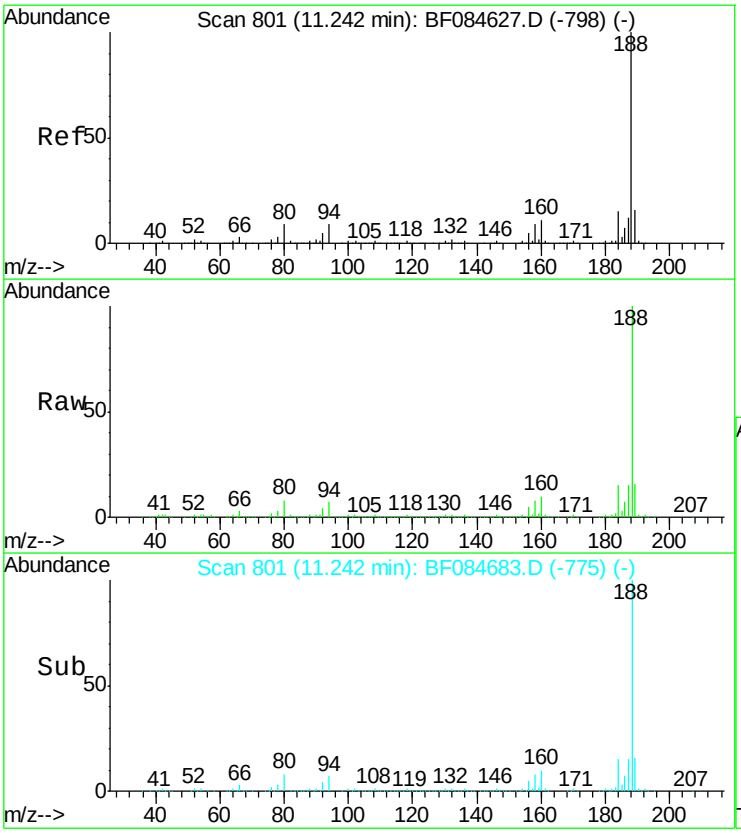
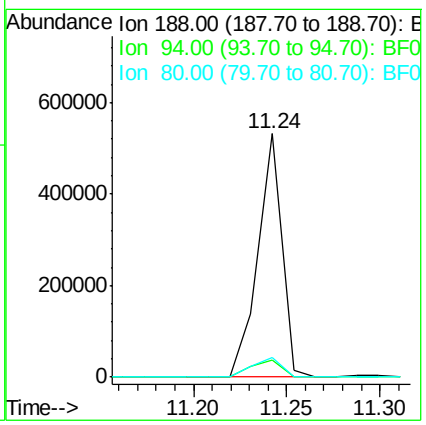
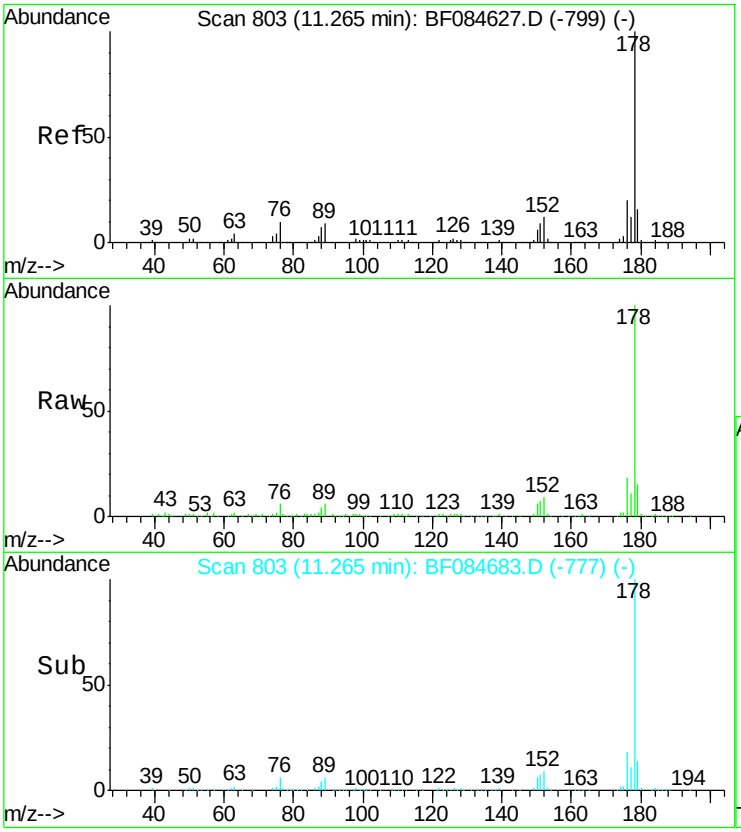


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion:188 Resp: 470486

Ion	Ratio	Lower	Upper
188	100		
94	7.2	9.0	13.4#
80	7.8	9.6	14.4#

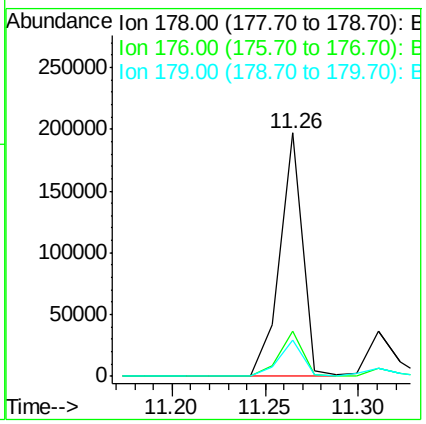




#70
Phenanthrene
Concen: 6.46 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion:178 Resp: 168189

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	14.8	12.0	18.0



Instrument :
BNA_F
ClientSampleId :
SUP-B010(10-12)

Manual Integrations APPROVED
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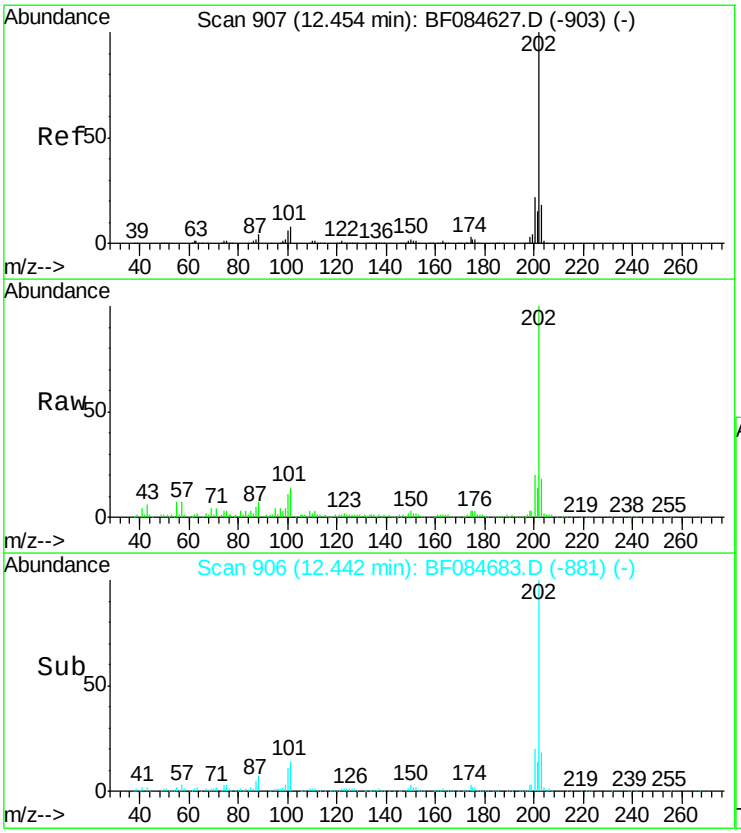
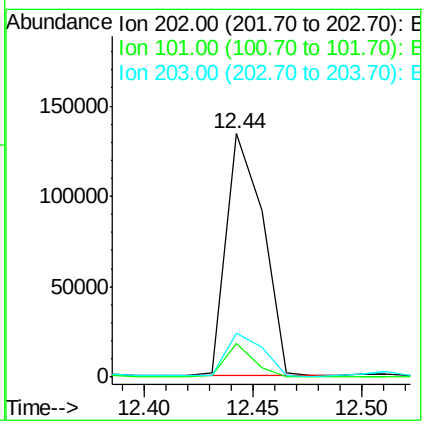
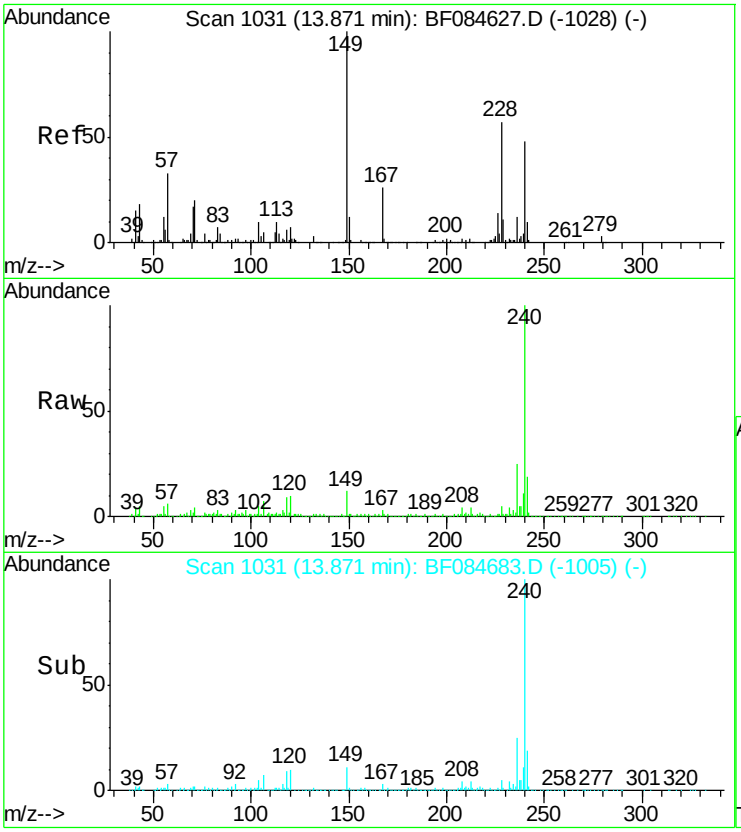


#74
Fluoranthene
Concen: 6.12 ng
RT: 12.44 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion:202 Resp: 157415

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	32.8
203	18.1	0.0	37.9

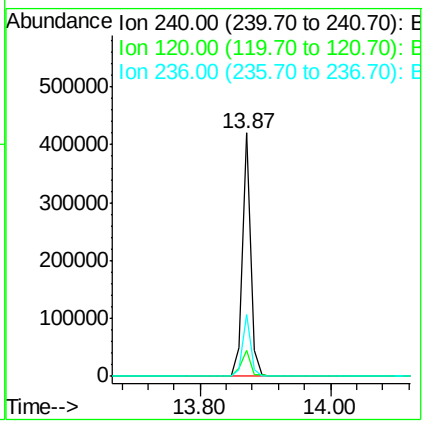




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion:240 Resp: 364056

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.2	20.6	31.0



Instrument :
BNA_F
ClientSampleId :
SUP-B010(10-12)

Manual Integrations APPROVED
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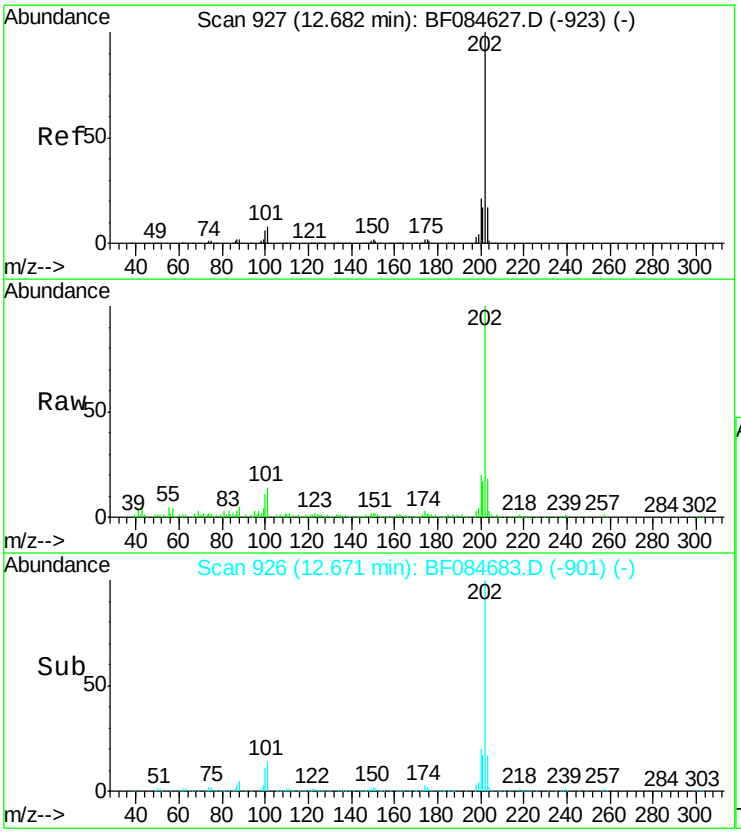
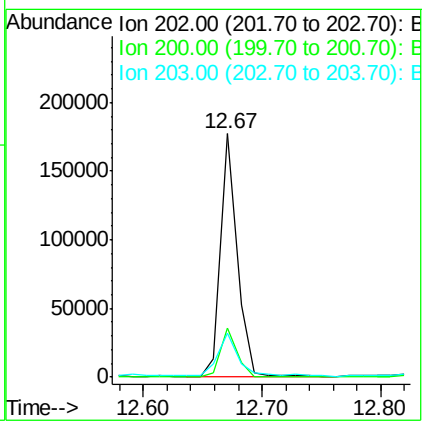
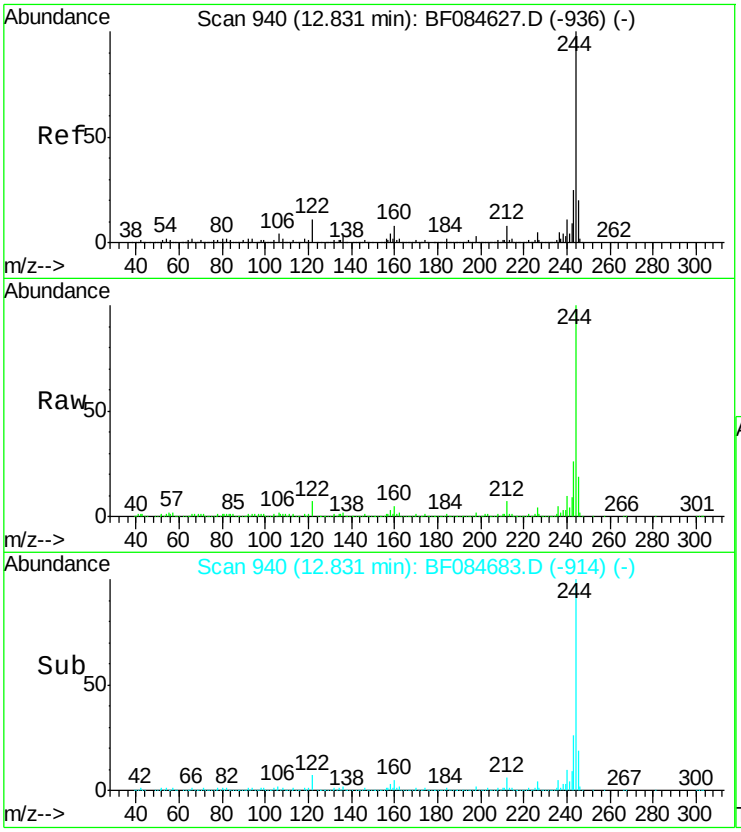


#77
Pyrene
Concen: 6.15 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion:202 Resp: 168922

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.2	25.8
203	18.2	14.3	21.5

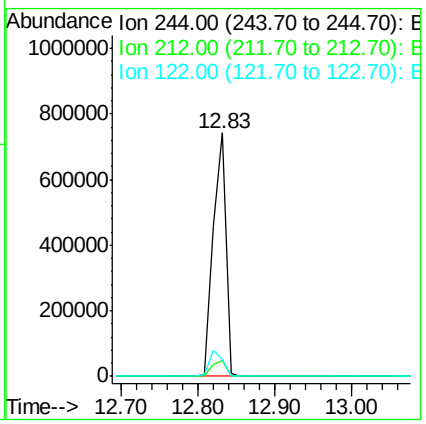




#78
Terphenyl-d14
Concen: 51.99 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion:244 Resp: 838028

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	6.9	7.4	11.0#



Instrument :
BNA_F
ClientSampleId :
SUP-B010(10-12)

Manual Integrations APPROVED
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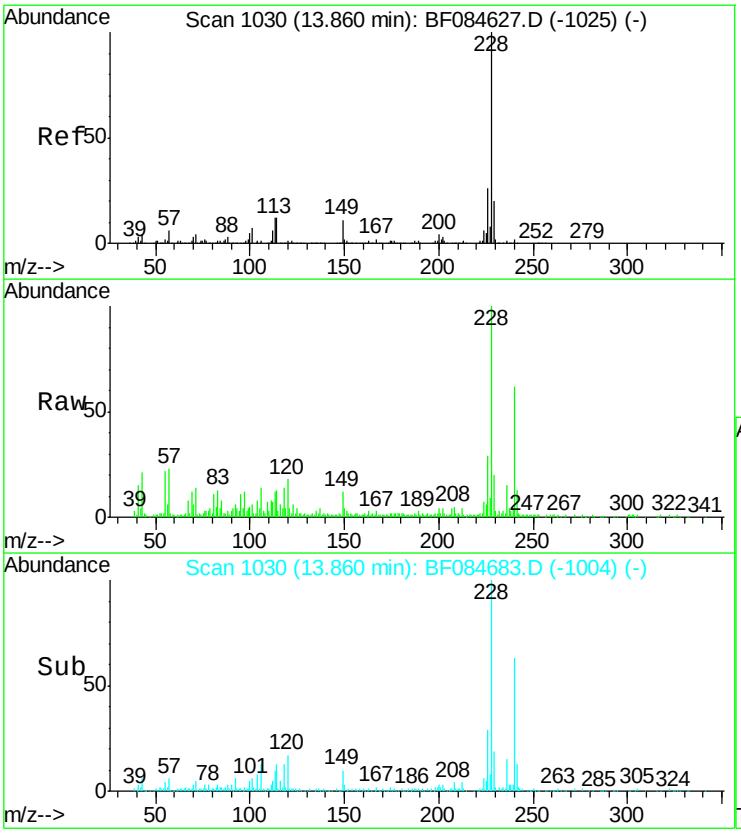
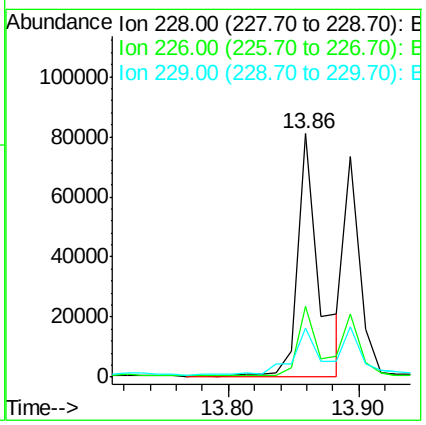
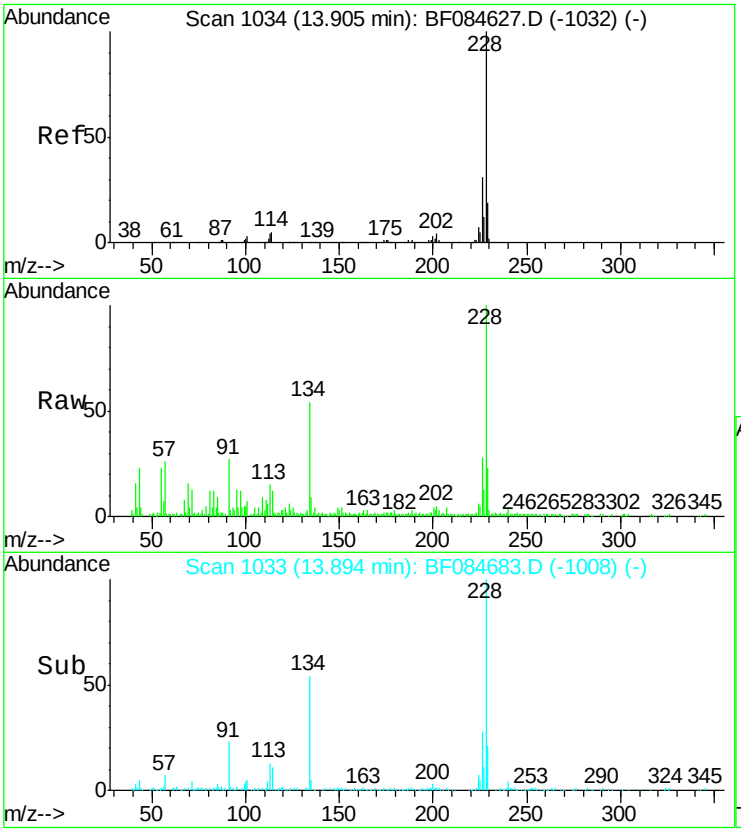


#80
Benzo(a)anthracene
Concen: 4.10 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion:228 Resp: 92948

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.8	32.6
229	20.2	15.8	23.8





#82
Chrysene
Concen: 2.80 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion:228 Resp: 62687

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.3	36.5
229	23.0	16.1	24.1

Instrument :
BNA_F
ClientSampleId :
SUP-B010(10-12)

Manual Integrations APPROVED
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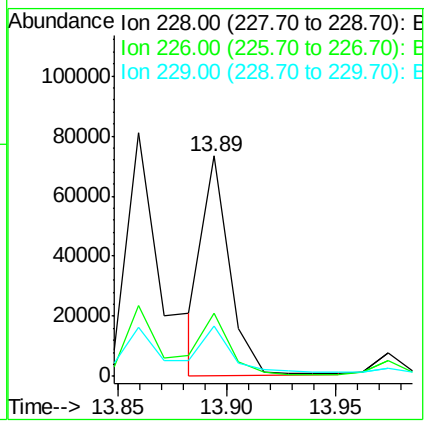
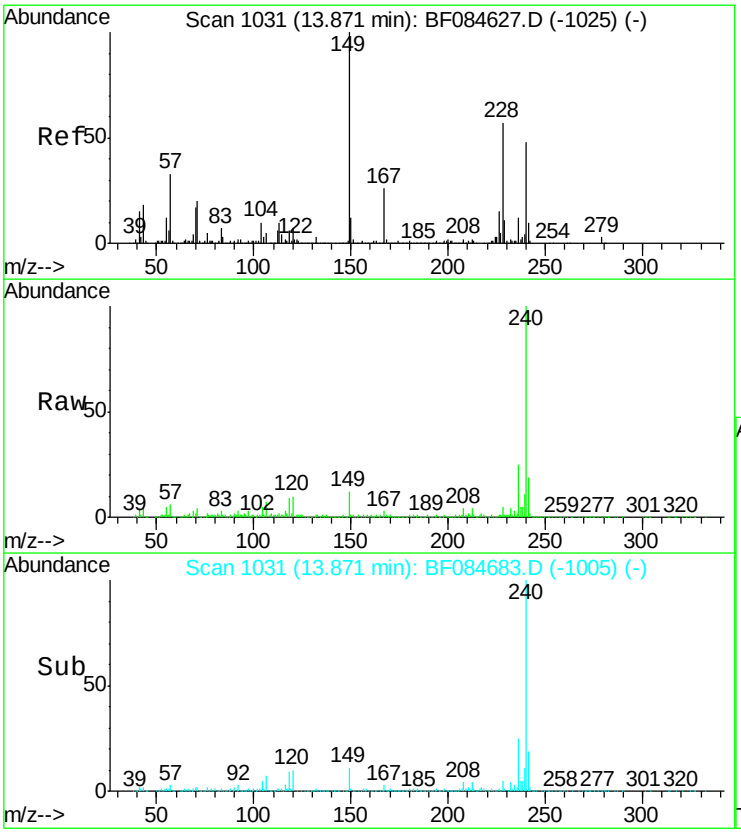
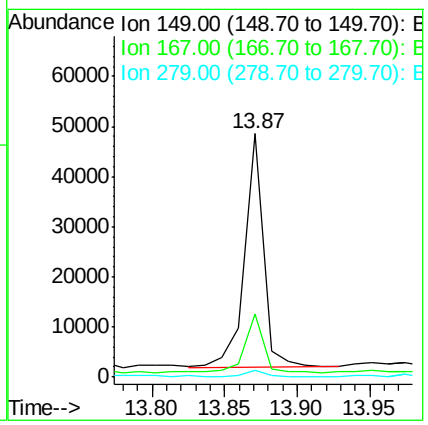


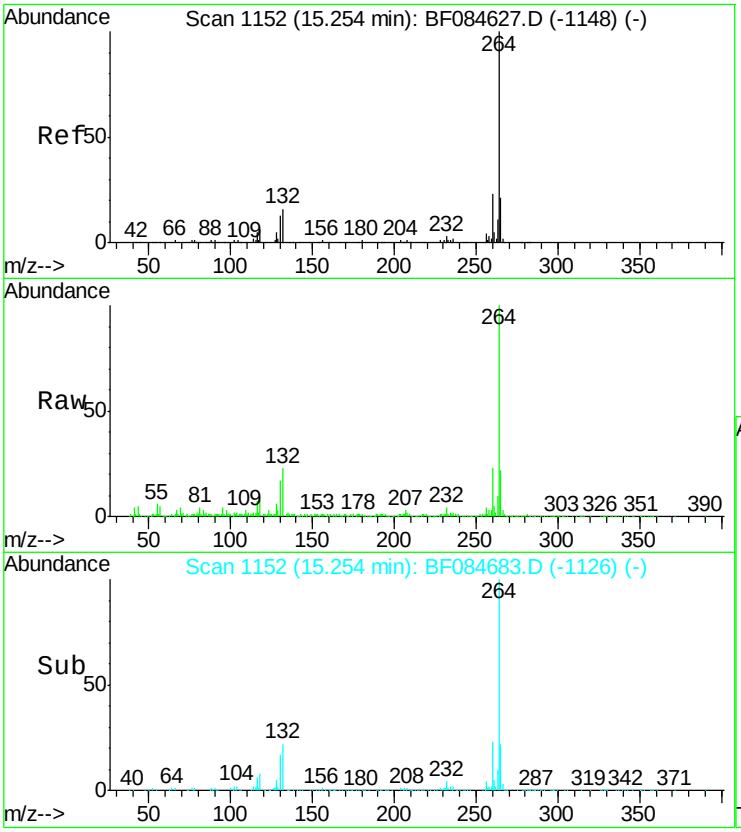


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.77 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion:149 Resp: 42214

Ion	Ratio	Lower	Upper
149	100		
167	25.9	19.7	29.5
279	2.8	1.8	2.6#

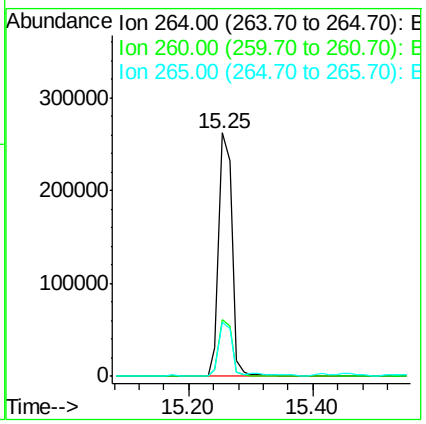




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion:264 Resp: 386391

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	22.0	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
SUP-B010(10-12)

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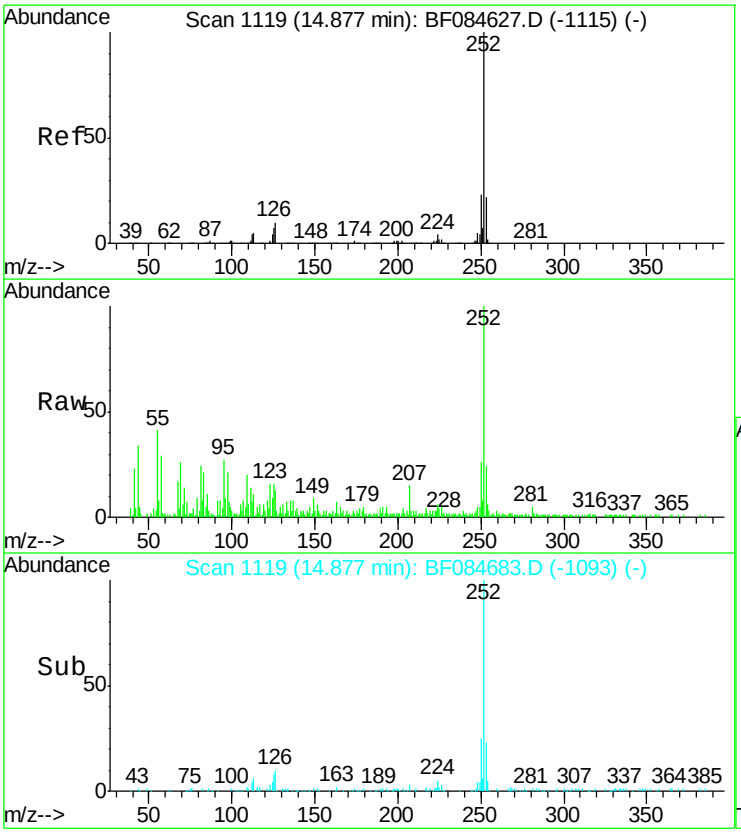
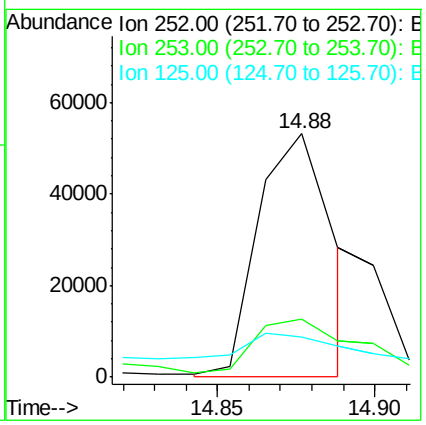
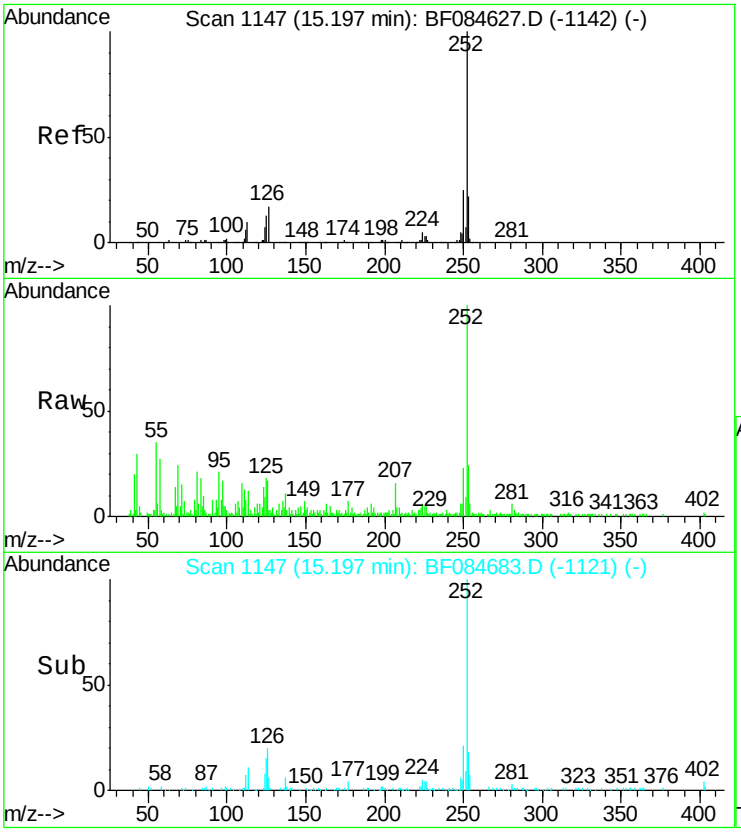


#87
Benzo(b)fluoranthene
Concen: 3.48 ng m
RT: 14.88 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion:252 Resp: 86983

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.3	25.9
125	16.5	6.5	9.7#

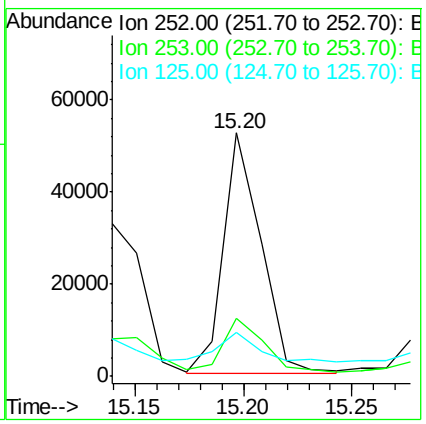




#89
Benzo(a)pyrene
Concen: 2.89 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF084683.D
Acq: 30 Jan 2016 13:54

Tgt Ion:252 Resp: 62458

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.3	25.9
125	18.0	7.0	10.4#



Instrument :
BNA_F
ClientSampleId :
SUP-B010(10-12)

Manual Integrations APPROVED
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