Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084936.D
Acq On : 8 Feb 2016 18:47
Operator : SJ/IZ
Sample : H1311-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B006(0-2)

Manual Integrations APPROVED
UMANGI
2/9/2016 12:56:58 PM

Quant Time: Feb 09 03:21:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	177878	20.00	ng	-0.03
21) Naphthalene-d8	7.94	136	727406	20.00	ng	-0.03
38) Acenaphthene-d10	9.69	164	322636	20.00	ng	-0.05
63) Phenanthrene-d10	11.16	188	517513	20.00	ng	-0.05
75) Chrysene-d12	13.79	240	362291	20.00	ng	-0.05
86) Perylene-d12	15.16	264	329264	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1036215	90.74	ng	-0.03
7) Phenol-d6	6.30	99	1276048	90.13	ng	-0.03
23) Nitrobenzene-d5	7.22	82	826367	64.00	ng	-0.05
41) 2,4,6-Tribromophenol	10.48	330	318329	94.59	ng	-0.05
44) 2-Fluorobiphenyl	9.01	172	1072639	48.69	ng	-0.05
78) Terphenyl-d14	12.75	244	794847	49.72	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.41	163	247207	10.06	ng	# 90
70) Phenanthrene	11.18	178	335626	11.69	ng	100
71) Anthracene	11.23	178	76150	2.63	ng	98
74) Fluoranthene	12.36	202	295590	10.17	ng	97
77) Pyrene	12.59	202	283179	10.21	ng	98
80) Benzo(a)anthracene	13.78	228	135465	6.02	ng	100
82) Chrysene	13.81	228	88029	4.04	ng	97
85) Indeno(1,2,3-cd)pyrene	16.42	276	51551	3.00	ng	96
87) Benzo(b)fluoranthene	14.79	252	121751m	5.50	ng	
88) Benzo(k)fluoranthene	14.80	252	40192m	2.20	ng	
89) Benzo(a)pyrene	15.11	252	91865	4.87	ng	96
91) Benzo(g,h,i)perylene	16.80	276	56208	3.52	ng	97

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084936.D
Acq On : 8 Feb 2016 18:47
Operator : SJ/IZ
Sample : H1311-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 09 03:21:26 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Manual Integrations APPROVED
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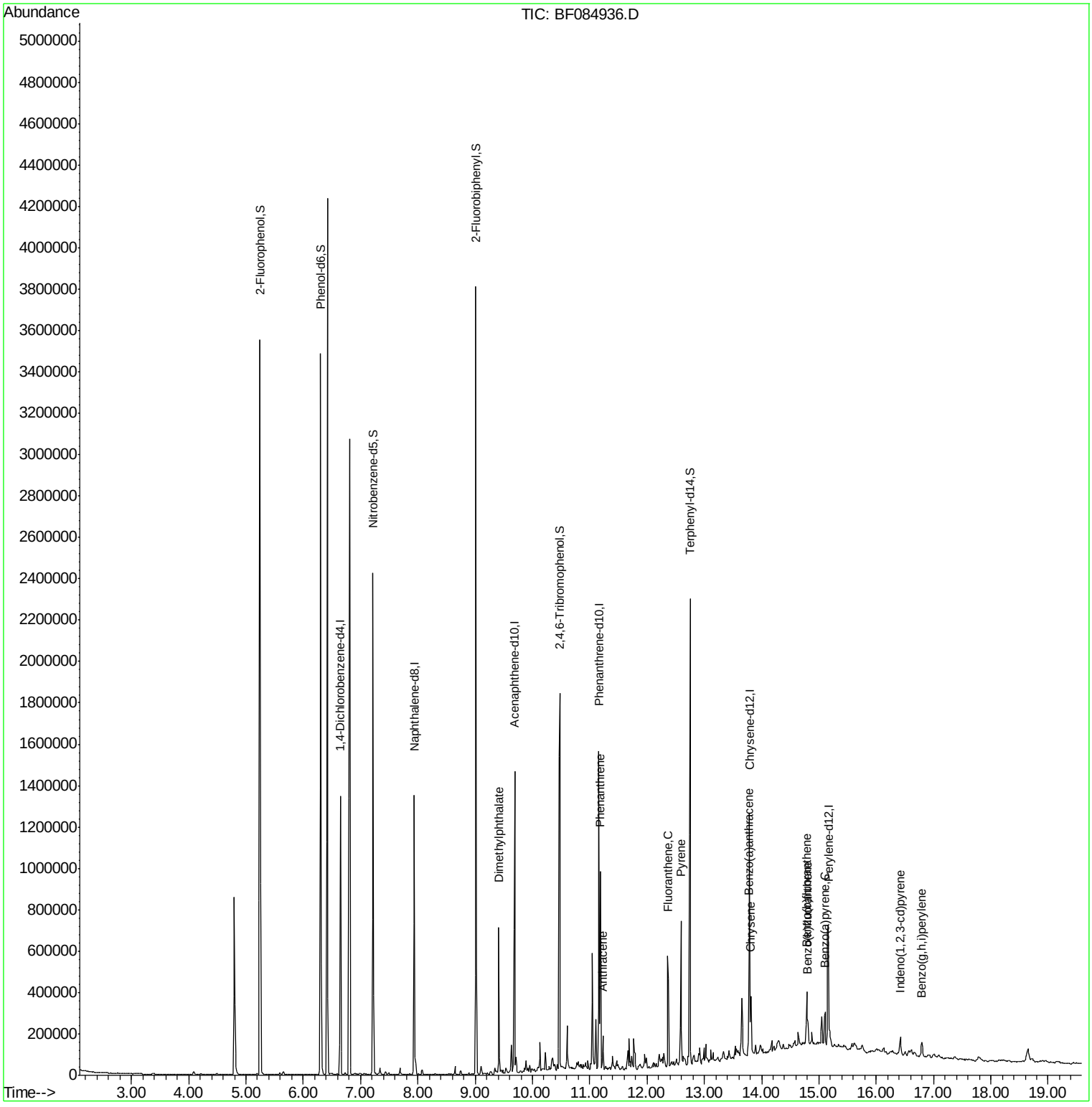
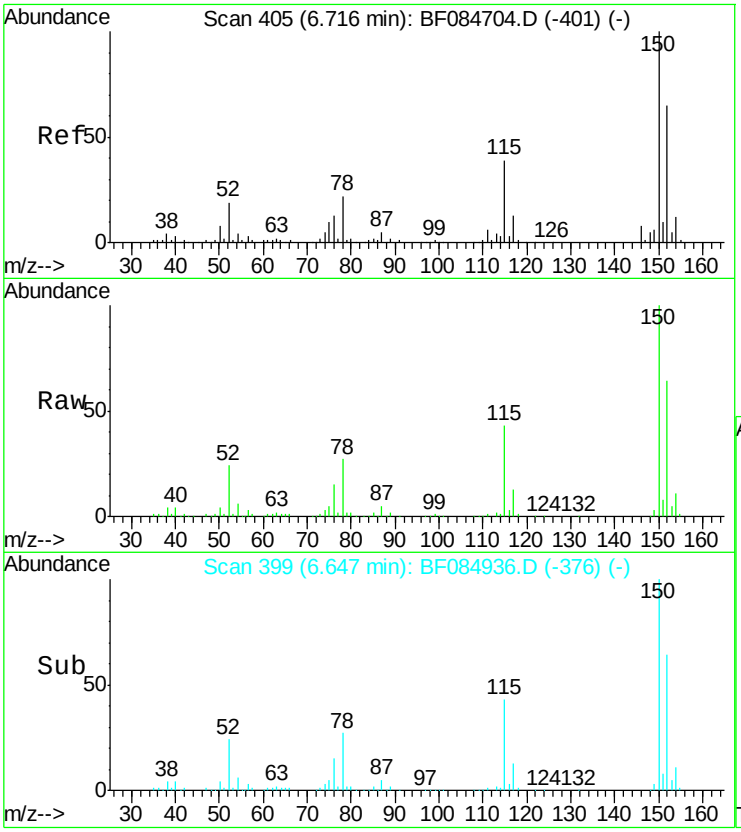
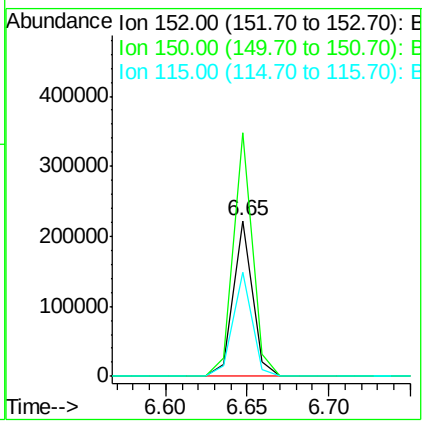




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.03 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:152 Resp: 177878

Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.0	184.4
115	67.0	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Manual Integrations APPROVED
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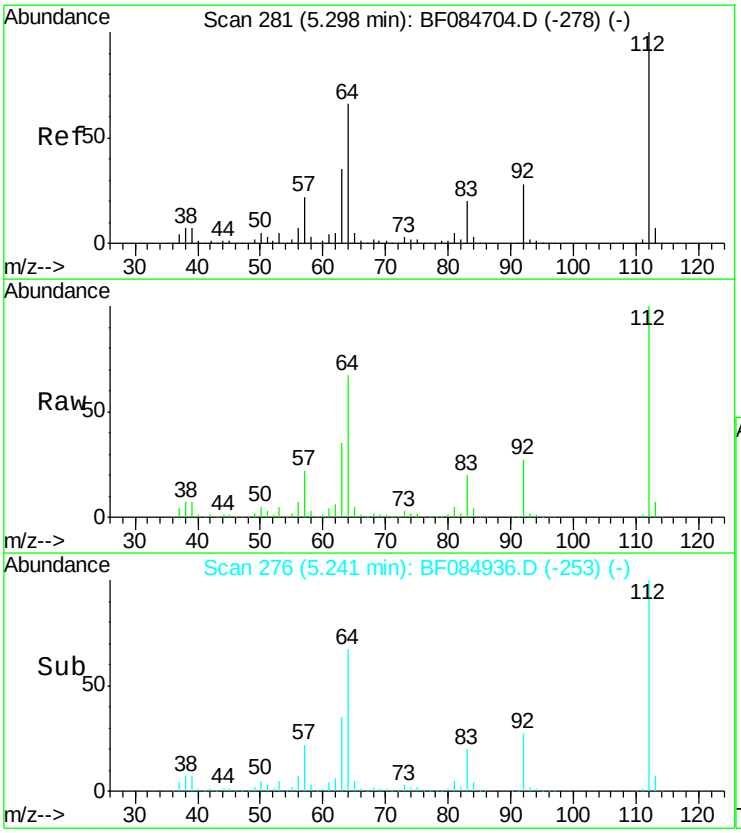
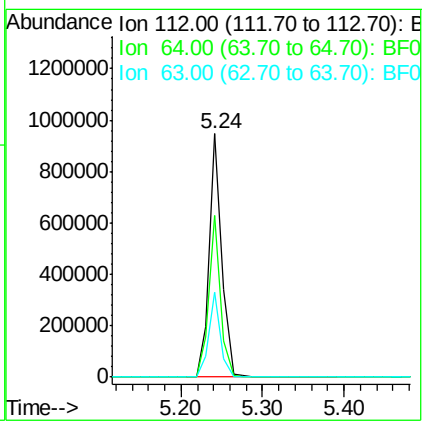
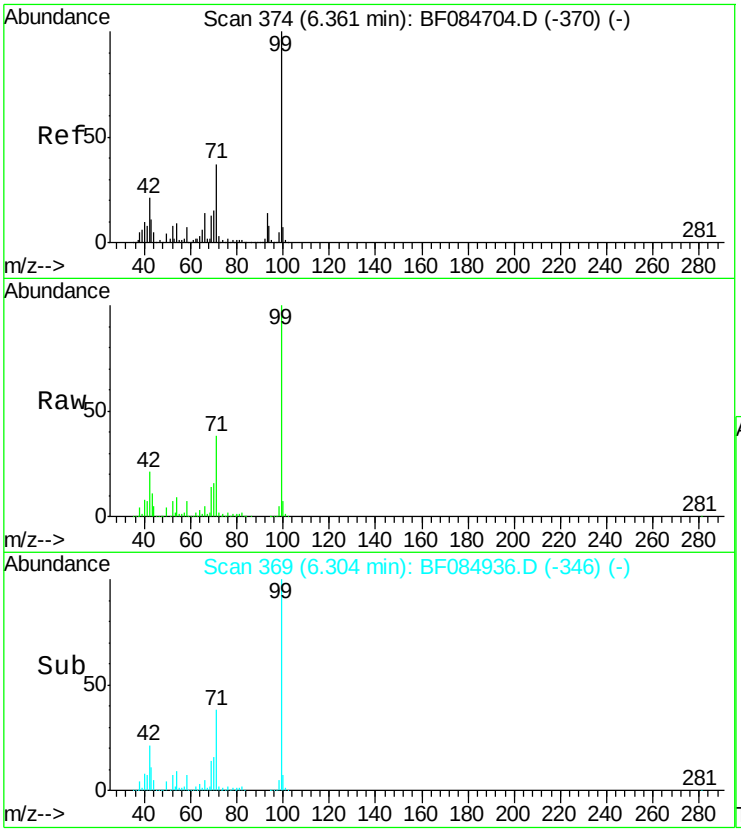


#5
2-Fluorophenol
Concen: 90.74 ng
RT: 5.24 min Scan# 276
Delta R.T. -0.03 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:112 Resp: 1036215

Ion	Ratio	Lower	Upper
112	100		
64	66.6	36.6	55.0#
63	34.8	19.4	29.0#

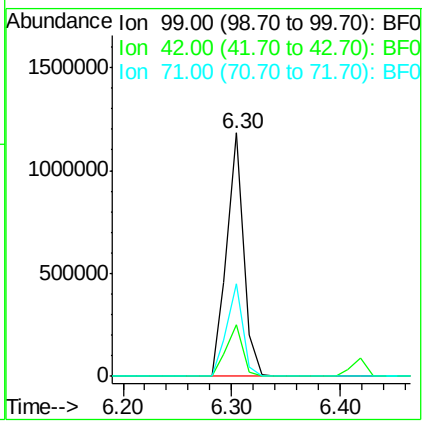




#7
Phenol-d6
Concen: 90.13 ng
RT: 6.30 min Scan# 369
Delta R.T. -0.03 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion: 99 Resp: 1276048

Ion	Ratio	Lower	Upper
99	100		
42	21.3	12.8	19.2#
71	38.0	30.9	46.3



Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Manual Integrations APPROVED
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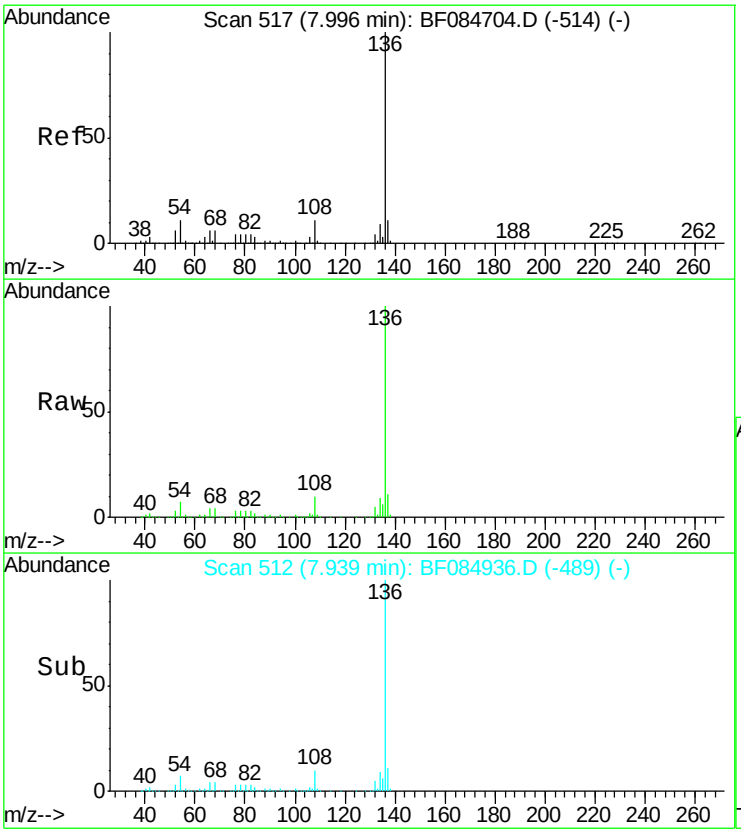
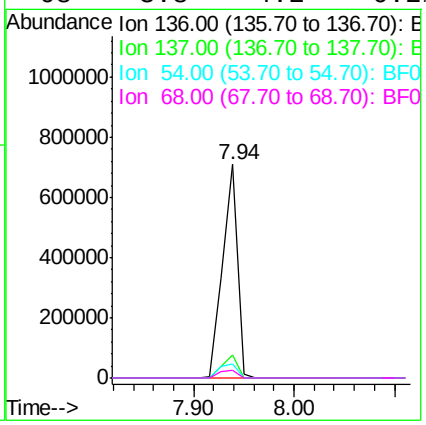
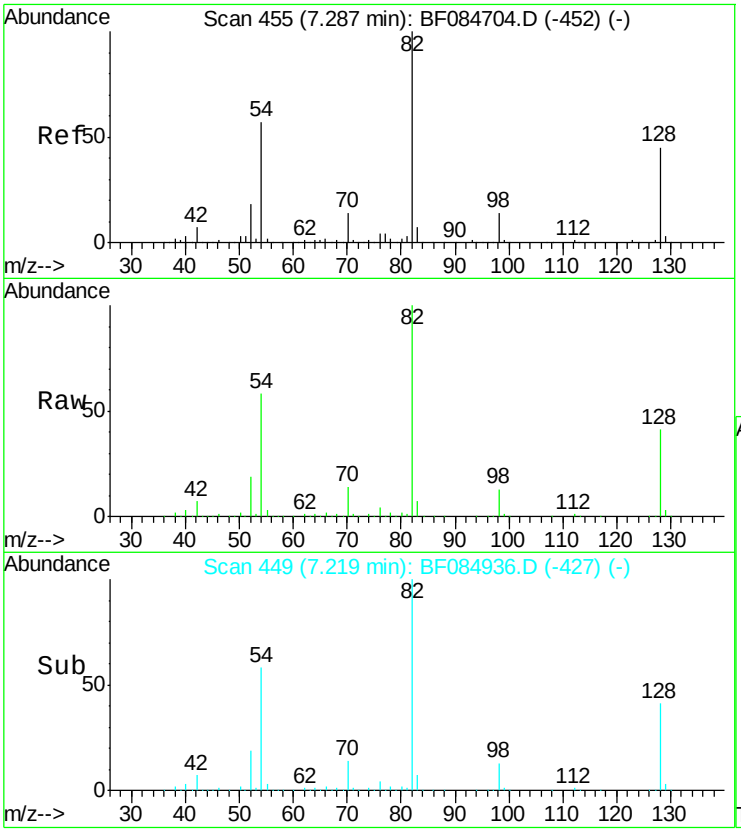


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:136 Resp: 727406

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.5	5.8	8.8
68	3.8	4.2	6.2#

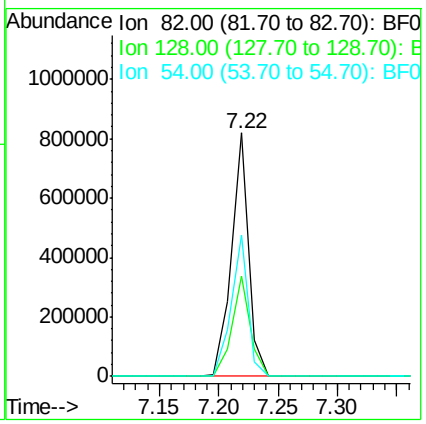




#23
Nitrobenzene-d5
Concen: 64.00 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion: 82 Resp: 826367

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	51.8
54	58.0	38.4	57.6#



Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Manual Integrations APPROVED
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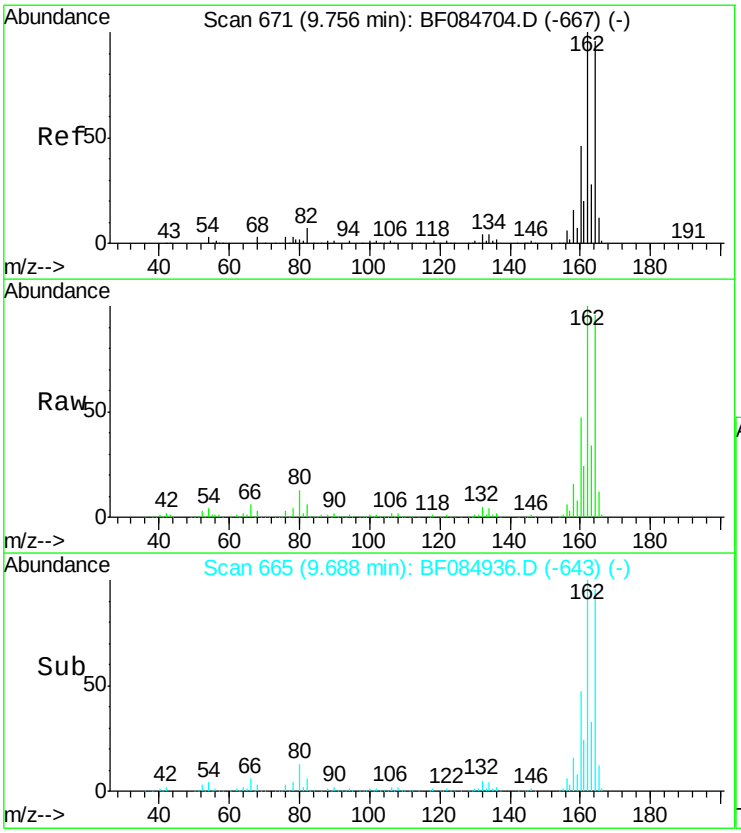
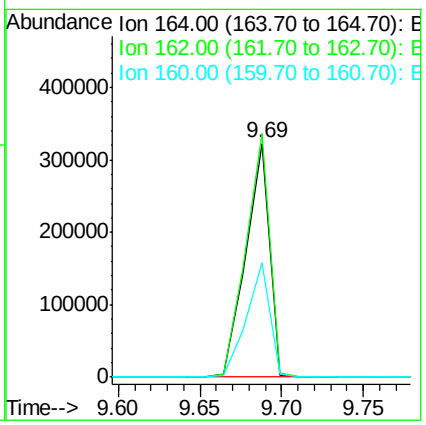
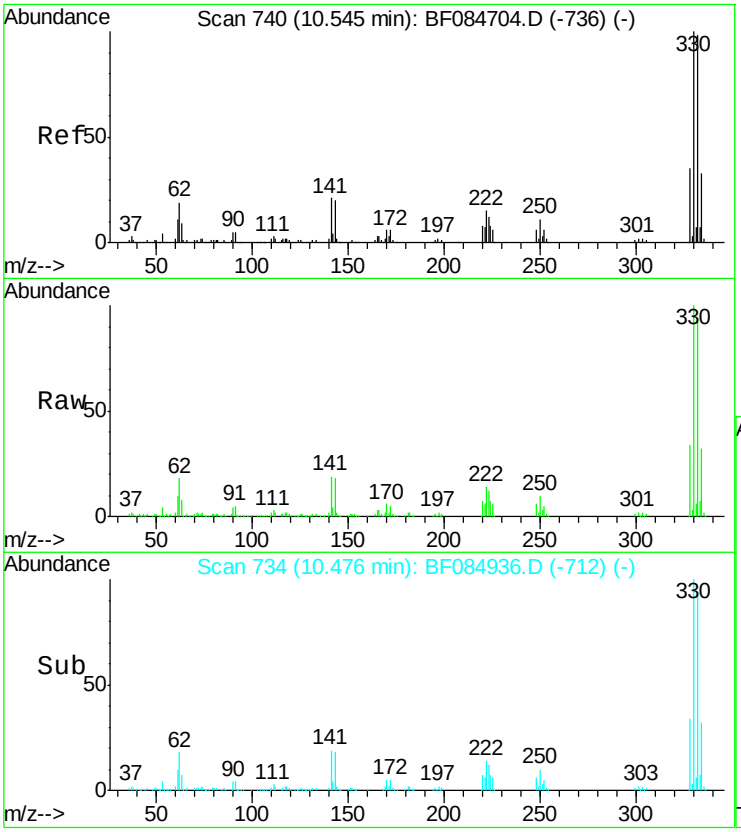


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:164 Resp: 322636

Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.1	127.7
160	49.2	37.5	56.3

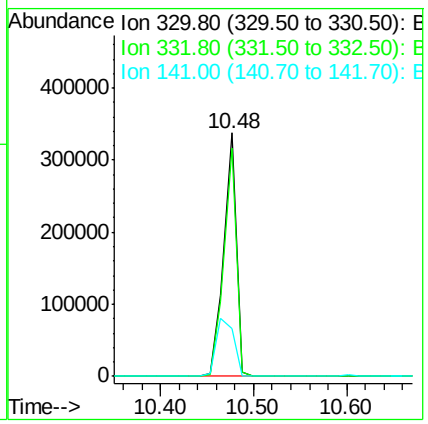




#41
2,4,6-Tribromophenol
Concen: 94.59 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:330 Resp: 318329

Ion	Ratio	Lower	Upper
330	100		
332	93.3	76.6	114.8
141	33.5	27.8	41.6



Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Manual Integrations APPROVED
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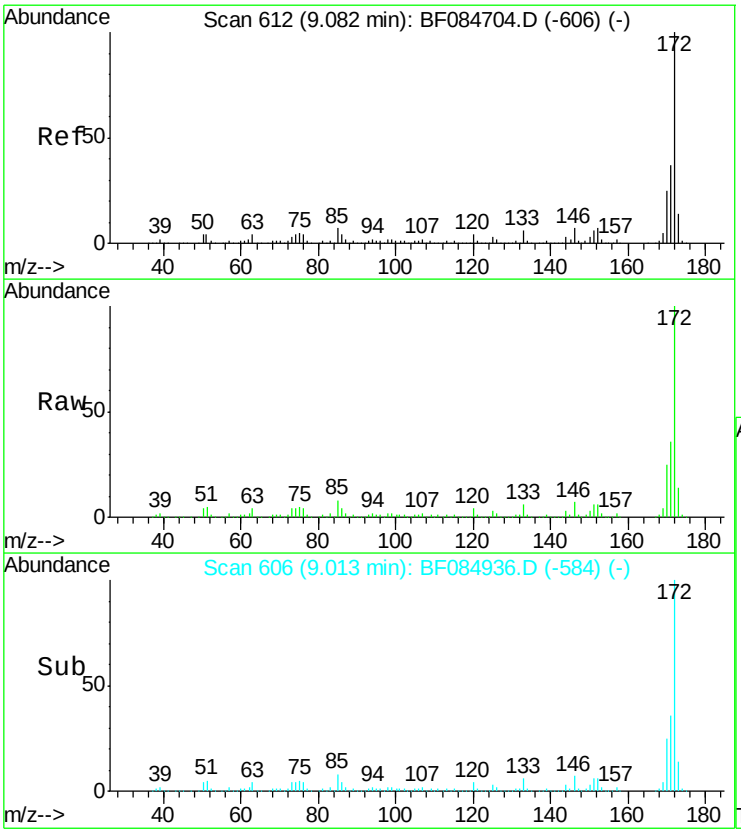
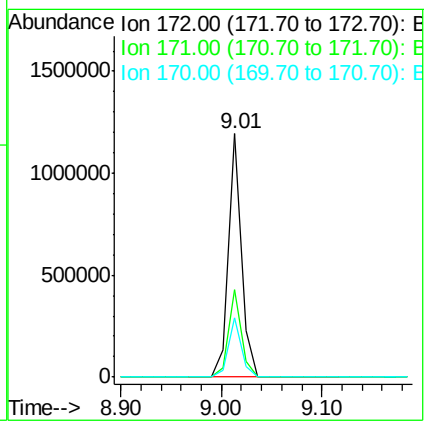
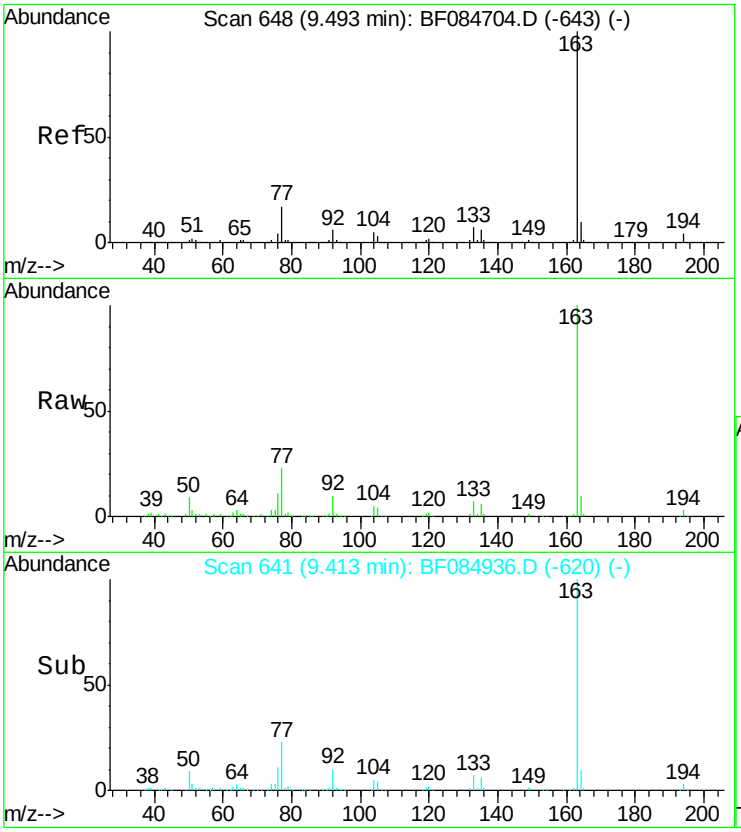


#44
2-Fluorobiphenyl
Concen: 48.69 ng
RT: 9.01 min Scan# 606
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:172 Resp: 1072639

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	24.5	18.6	27.8

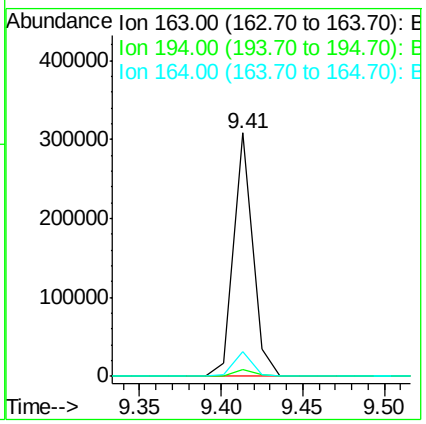




#49
Dimethylphthalate
Concen: 10.06 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:163 Resp: 247207

Ion	Ratio	Lower	Upper
163	100		
194	2.8	8.0	12.0#
164	10.1	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Manual Integrations APPROVED
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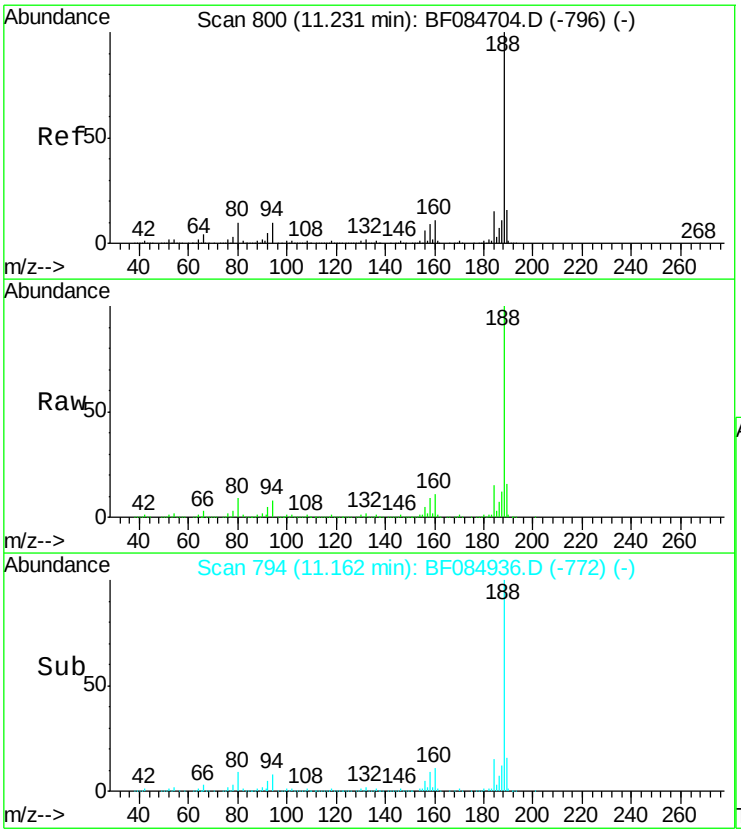
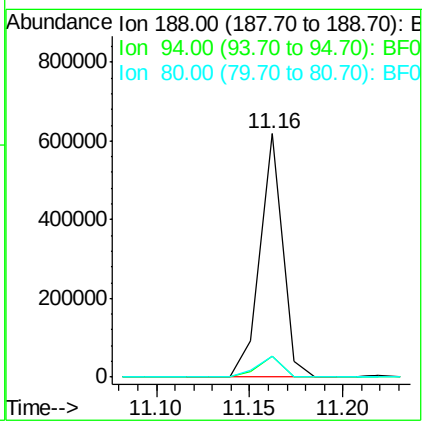
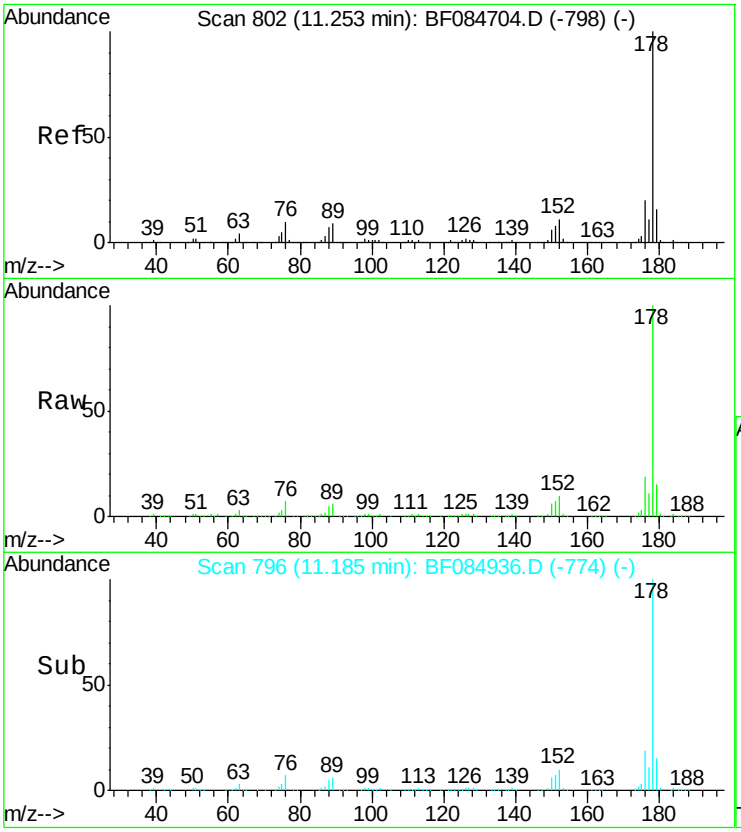


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 794
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:188 Resp: 517513

Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.0	13.4#
80	8.8	9.6	14.4#

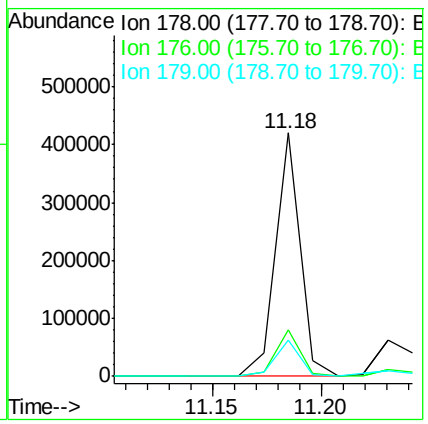




#70
Phenanthrene
Concen: 11.69 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:178 Resp: 335626

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.0	12.0	18.0



Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Manual Integrations APPROVED
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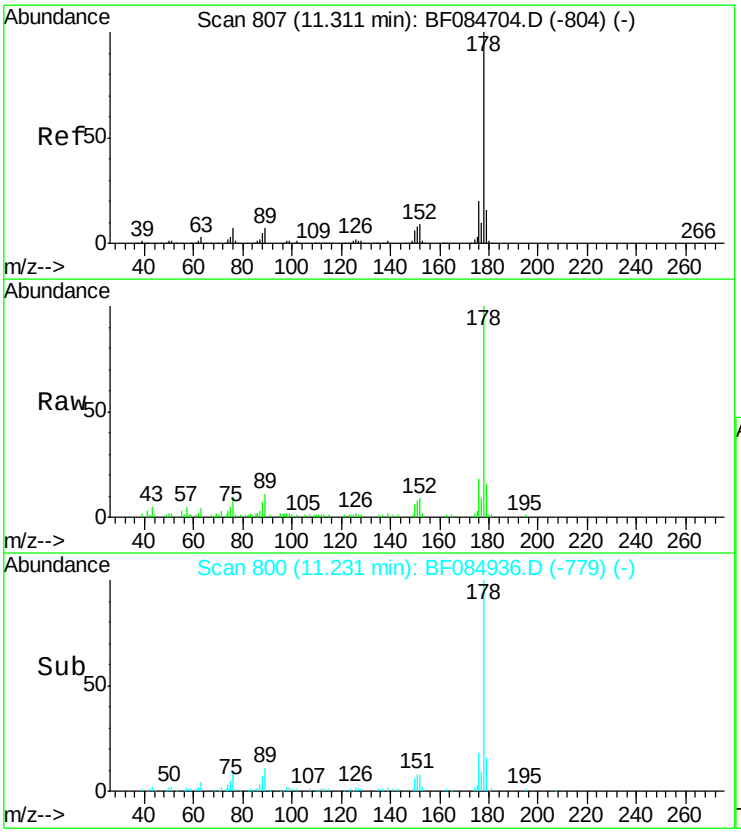
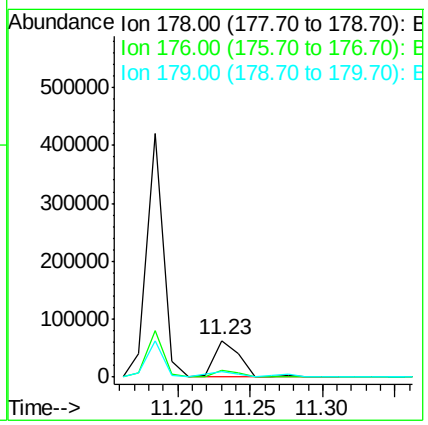
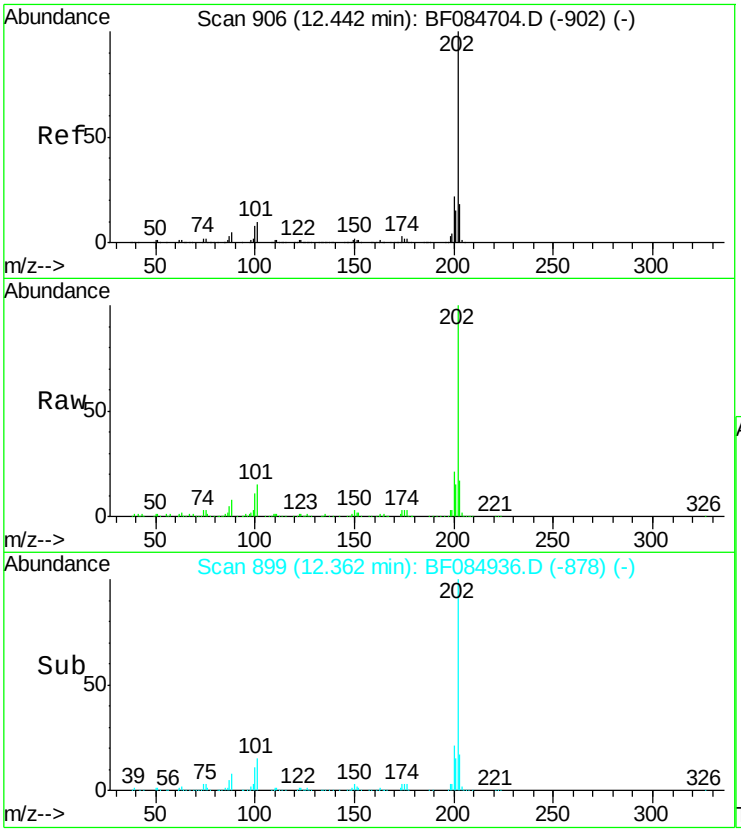


#71
Anthracene
Concen: 2.63 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.06 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:178 Resp: 76150

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.0
179	15.7	12.5	18.7

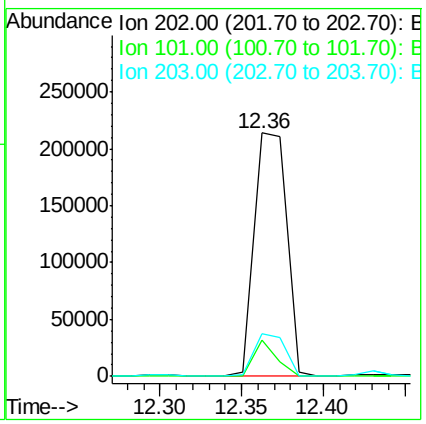




#74
Fluoranthene
Concen: 10.17 ng
RT: 12.36 min Scan# 899
Delta R.T. -0.06 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:202 Resp: 295590

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	32.8
203	17.4	0.0	37.9



Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Manual Integrations APPROVED
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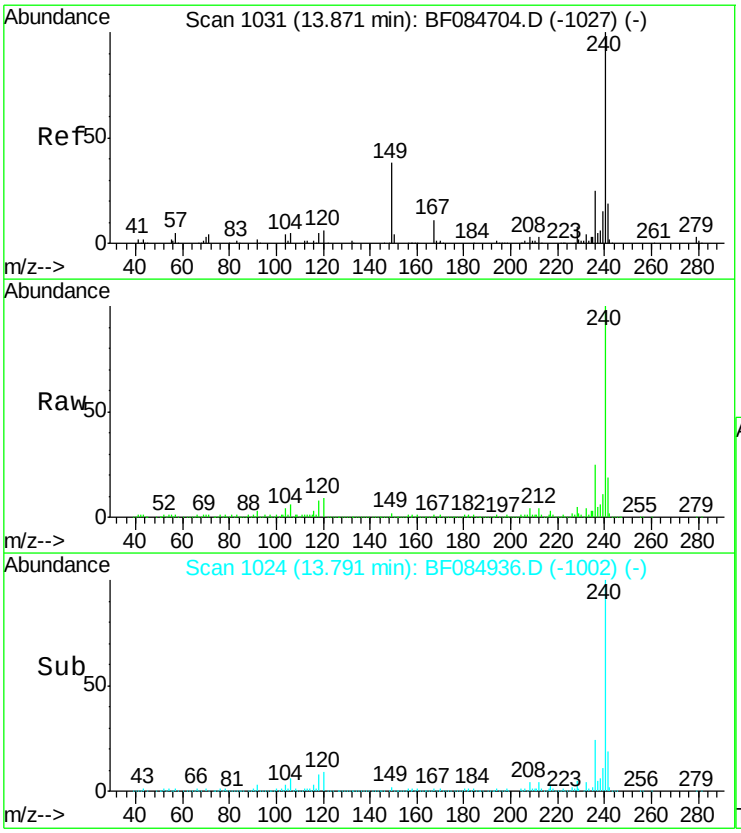
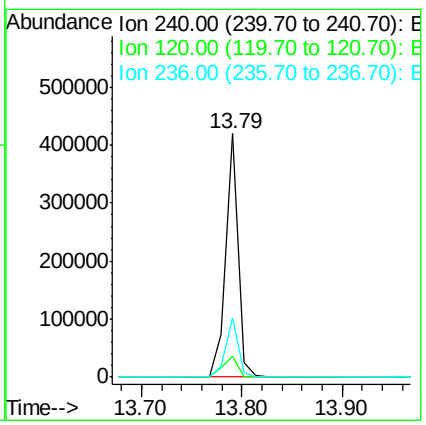
2/9/2016 12:56:58 PM

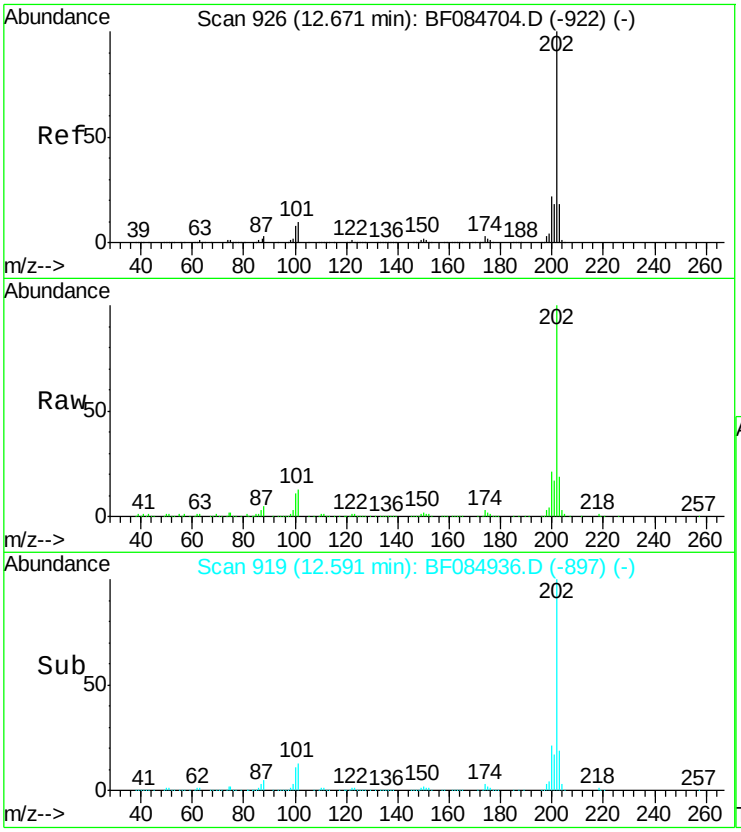


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:240 Resp: 362291

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	24.6	20.6	31.0

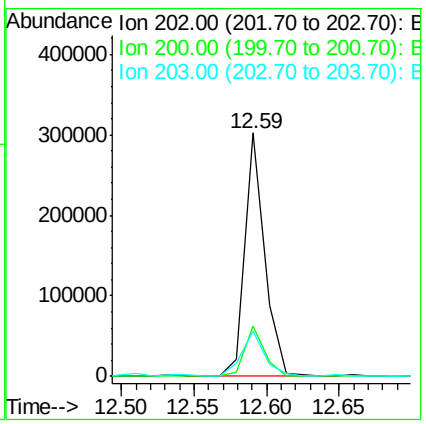




#77
Pyrene
Concen: 10.21 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:202 Resp: 283179

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.2	25.8
203	18.8	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Manual Integrations APPROVED
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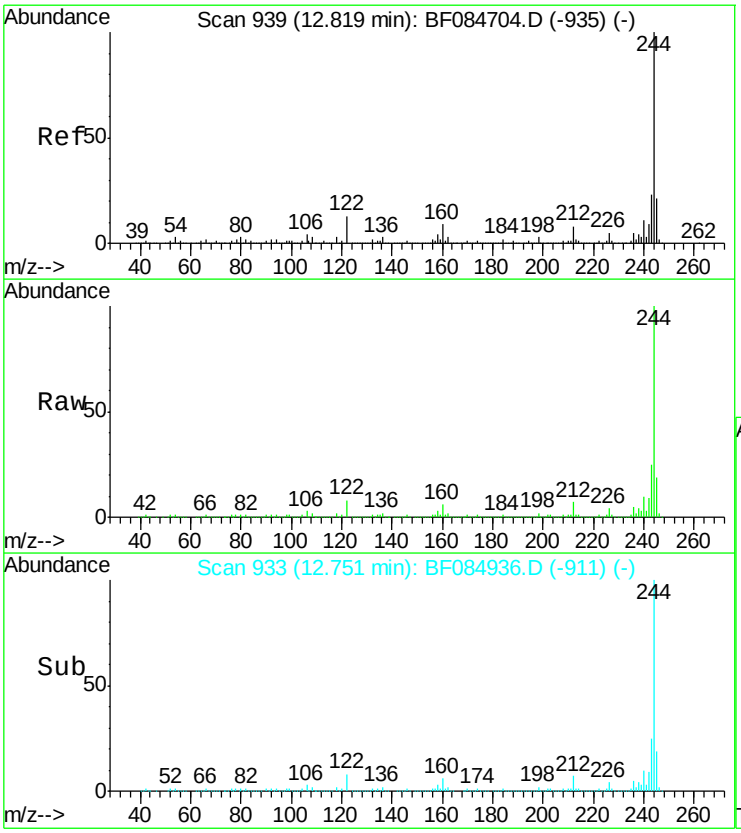
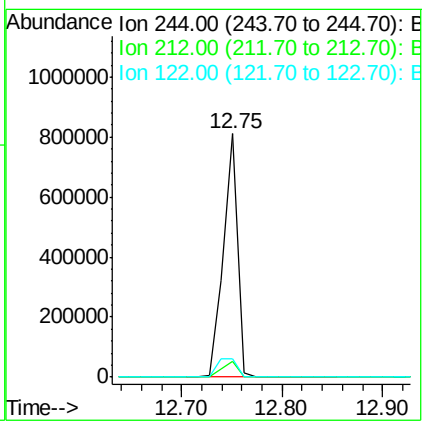
2/9/2016 12:56:58 PM

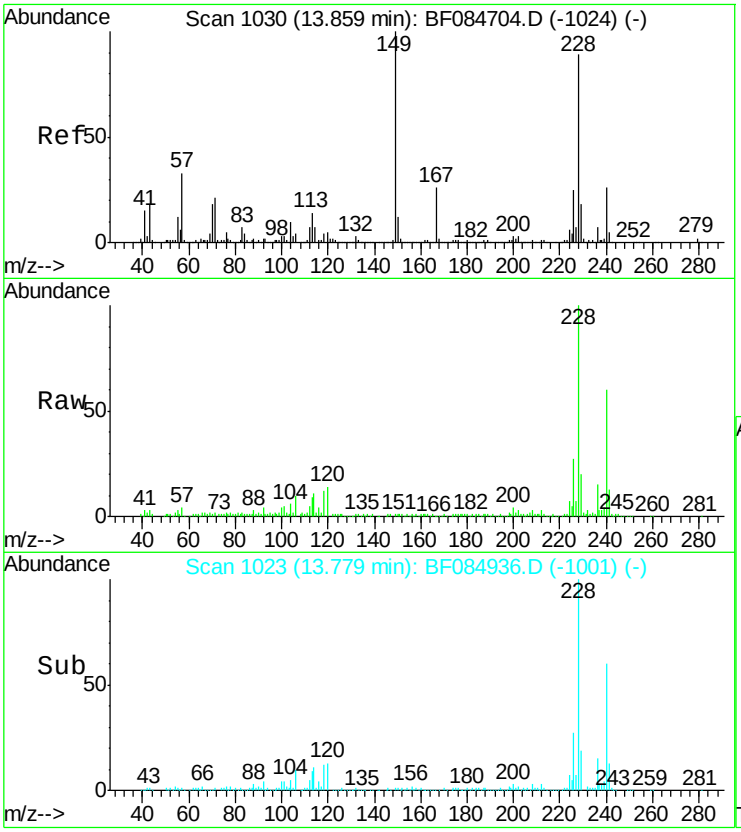


#78
Terphenyl-d14
Concen: 49.72 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:244 Resp: 794847

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	7.7	7.4	11.0

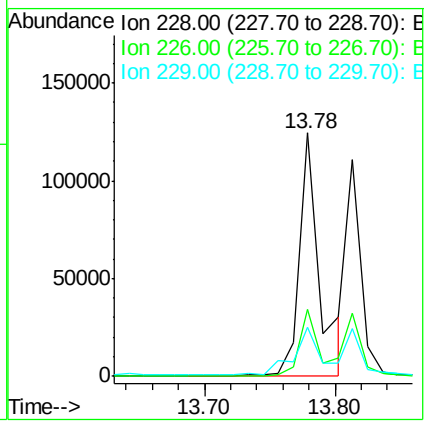




#80
Benzo(a)anthracene
Concen: 6.02 ng
RT: 13.78 min Scan# 1023
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:228 Resp: 135465

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.6
229	20.0	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

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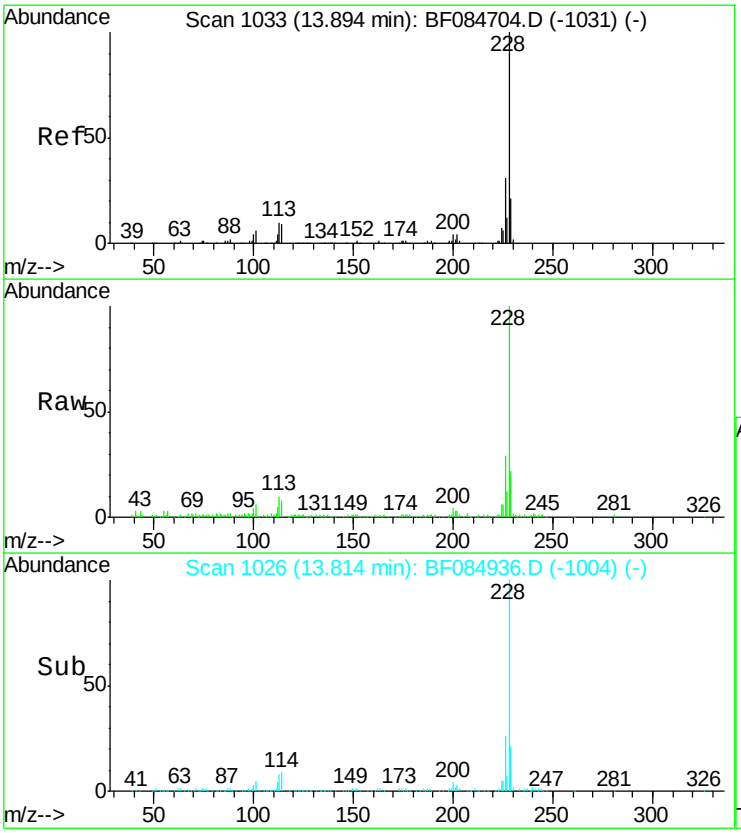
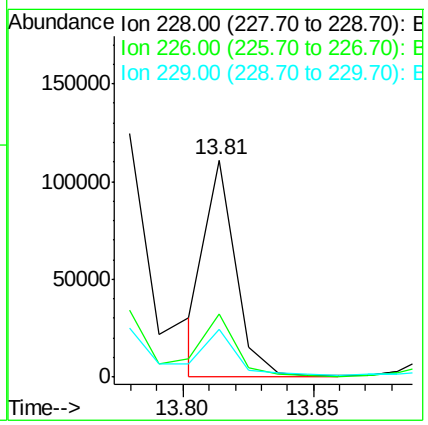
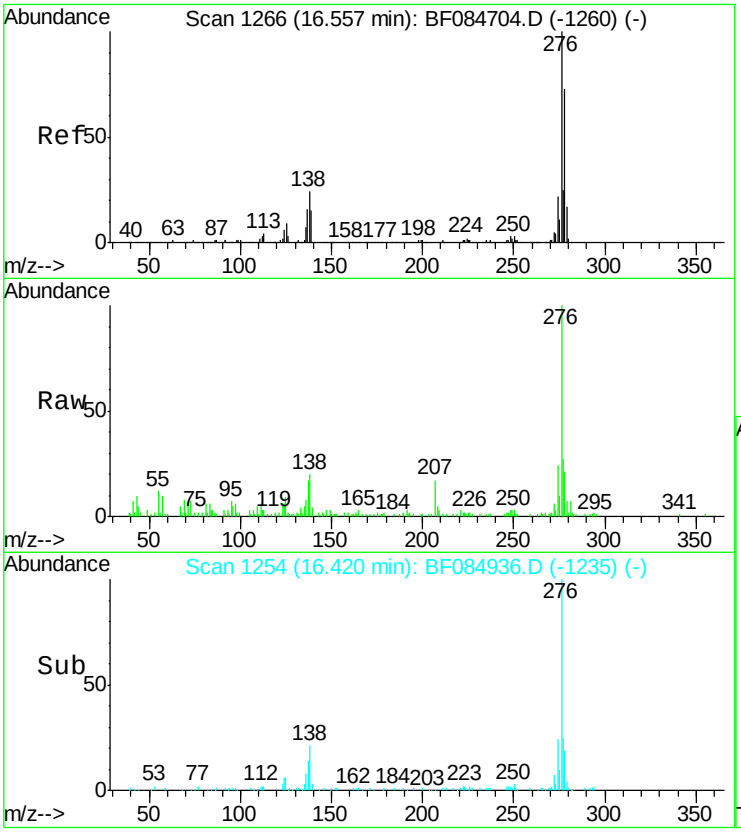


#82
Chrysene
Concen: 4.04 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:228 Resp: 88029

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.3	36.5
229	21.8	16.1	24.1

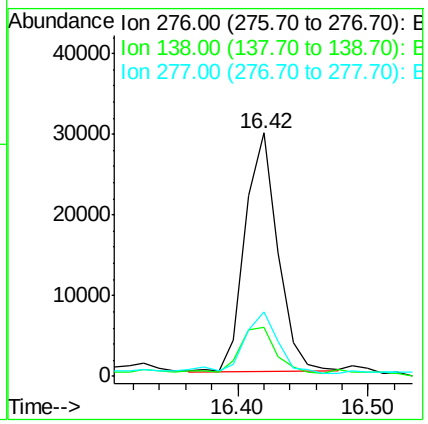




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.00 ng
RT: 16.42 min Scan# 1254
Delta R.T. -0.08 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:276 Resp: 51551

Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.6	30.8
277	29.2	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Manual Integrations APPROVED
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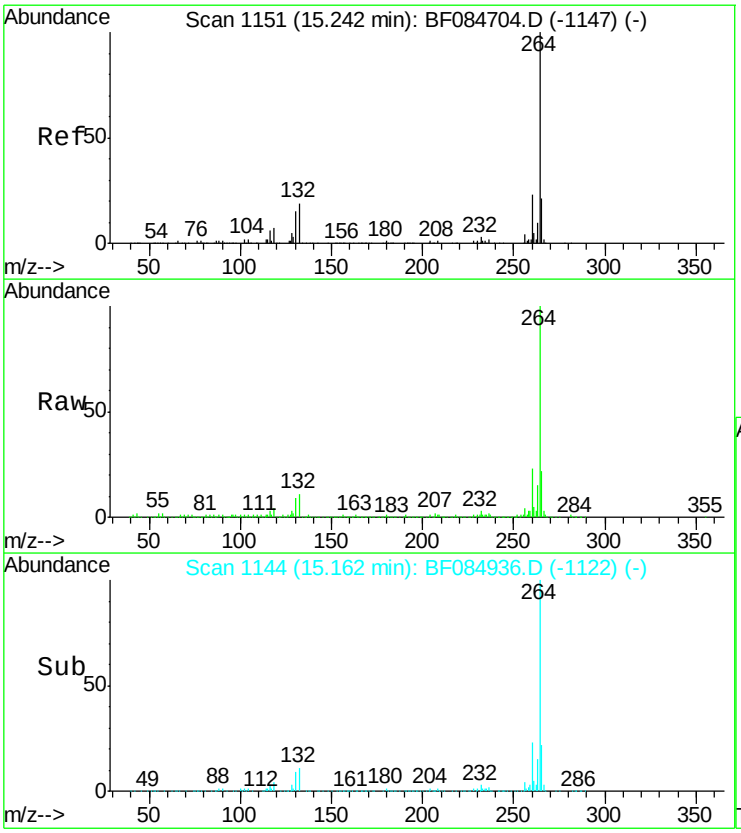
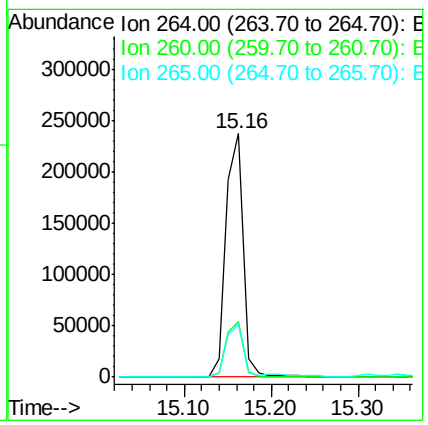
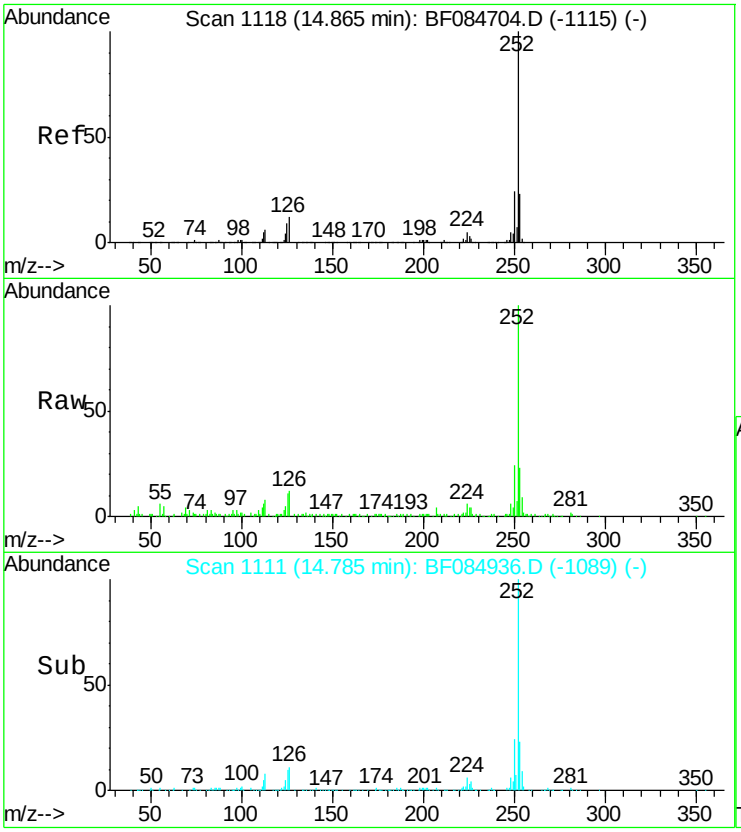


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1144
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:264 Resp: 329264

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	22.0	17.8	26.6

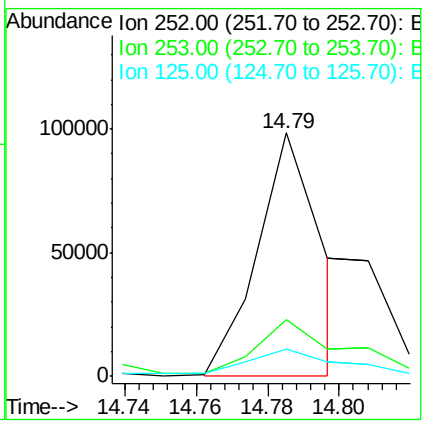




#87
Benzo(b)fluoranthene
Concen: 5.50 ng m
RT: 14.79 min Scan# 1111
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:252 Resp: 121751

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	11.3	6.5	9.7#



Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

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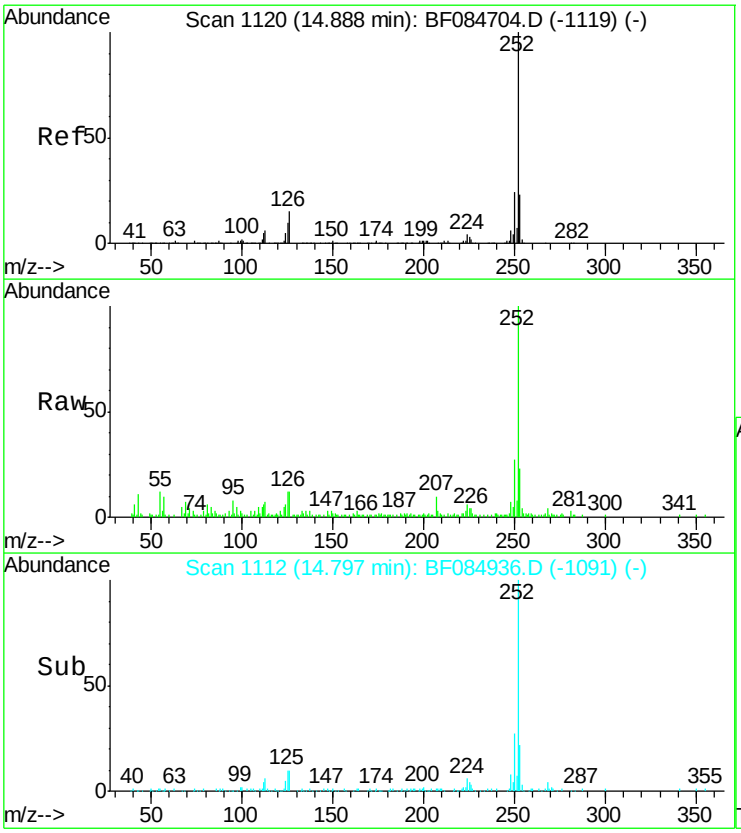
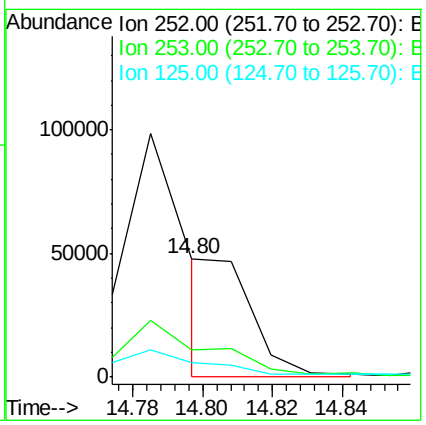
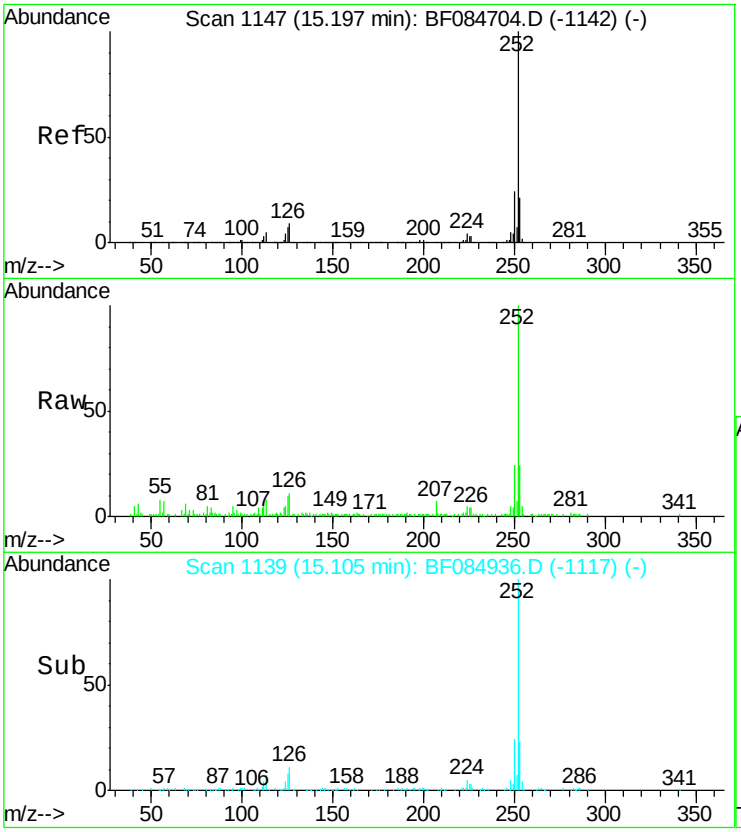


#88
Benzo(k)fluoranthene
Concen: 2.20 ng m
RT: 14.80 min Scan# 1112
Delta R.T. -0.06 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:252 Resp: 40192

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	12.4	9.0	13.6

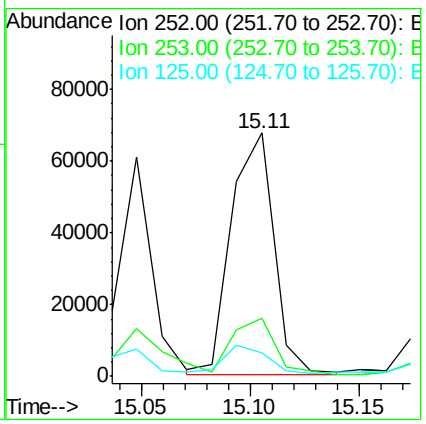




#89
Benzo(a)pyrene
Concen: 4.87 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.05 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:252 Resp: 91865

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.3	25.9
125	9.7	7.0	10.4



Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Manual Integrations APPROVED
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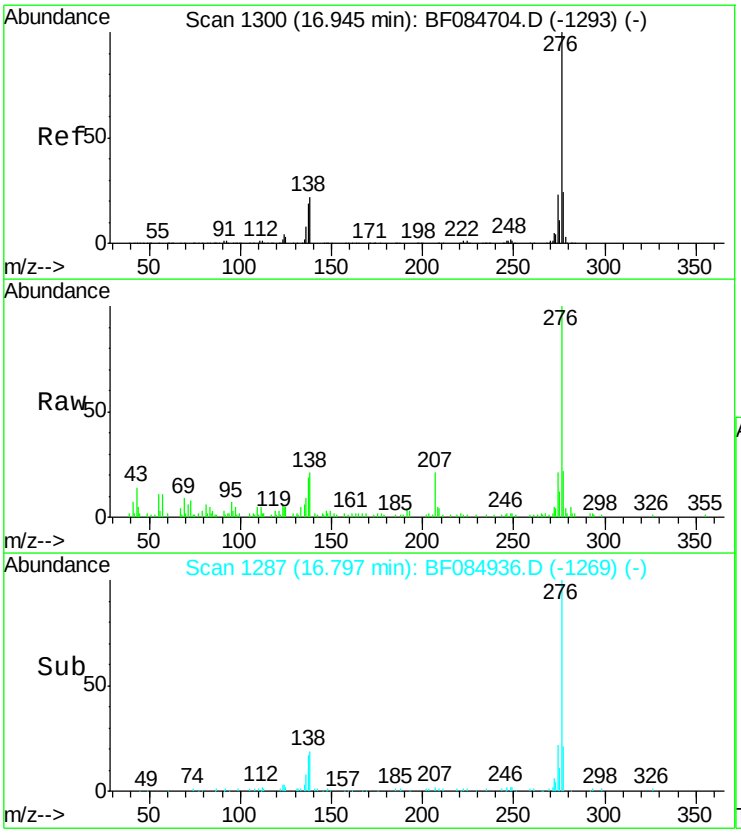

#91
Benzo(g,h,i)perylene
Concen: 3.52 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.09 min
Lab File: BF084936.D
Acq: 8 Feb 2016 18:47

Tgt Ion:276 Resp: 56208

Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.8	28.2
138	20.7	17.8	26.6