Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084680.D
Acq On : 30 Jan 2016 12:31
Operator : SJ/IZ
Sample : H1273-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B009(10-12)

Manual Integrations APPROVED
MMDadoda
2/1/2016 6:29:45 PM

Quant Time: Feb 01 10:13:57 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	167811	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	692587	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	268784	20.00	ng		-0.01
63) Phenanthrene-d10	11.24	188	427241	20.00	ng		0.00
75) Chrysene-d12	13.87	240	266768	20.00	ng		0.00
86) Perylene-d12	15.28	264	331367	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1073909	96.60	ng		0.01
7) Phenol-d6	6.37	99	1330405	99.85	ng		0.00
23) Nitrobenzene-d5	7.29	82	848064	68.43	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	247987	88.03	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	1509187	83.46	ng		0.00
78) Terphenyl-d14	12.83	244	911356	77.16	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.48	163	152405	7.55	ng	#	90
70) Phenanthrene	11.26	178	133648	5.66	ng		99
74) Fluoranthene	12.45	202	187923	8.05	ng		93
77) Pyrene	12.67	202	185255	9.21	ng		96
80) Benzo(a)anthracene	13.87	228	86371	5.19	ng	#	88
82) Chrysene	13.91	228	81722m	4.99	ng		
83) Bis(2-ethylhexyl)phthalate	13.88	149	1942707	174.23	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.59	276	57398	3.96	ng	#	92
87) Benzo(b)fluoranthene	14.89	252	101086m	4.71	ng		
89) Benzo(a)pyrene	15.22	252	76643	4.13	ng	#	67
91) Benzo(g,h,i)perylene	16.99	276	59333	3.51	ng	#	89

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084680.D
Acq On : 30 Jan 2016 12:31
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Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Feb 01 10:13:57 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

Instrument :
BNA_F
ClientSampleId :
SUP-B009(10-12)

Manual Integrations APPROVED
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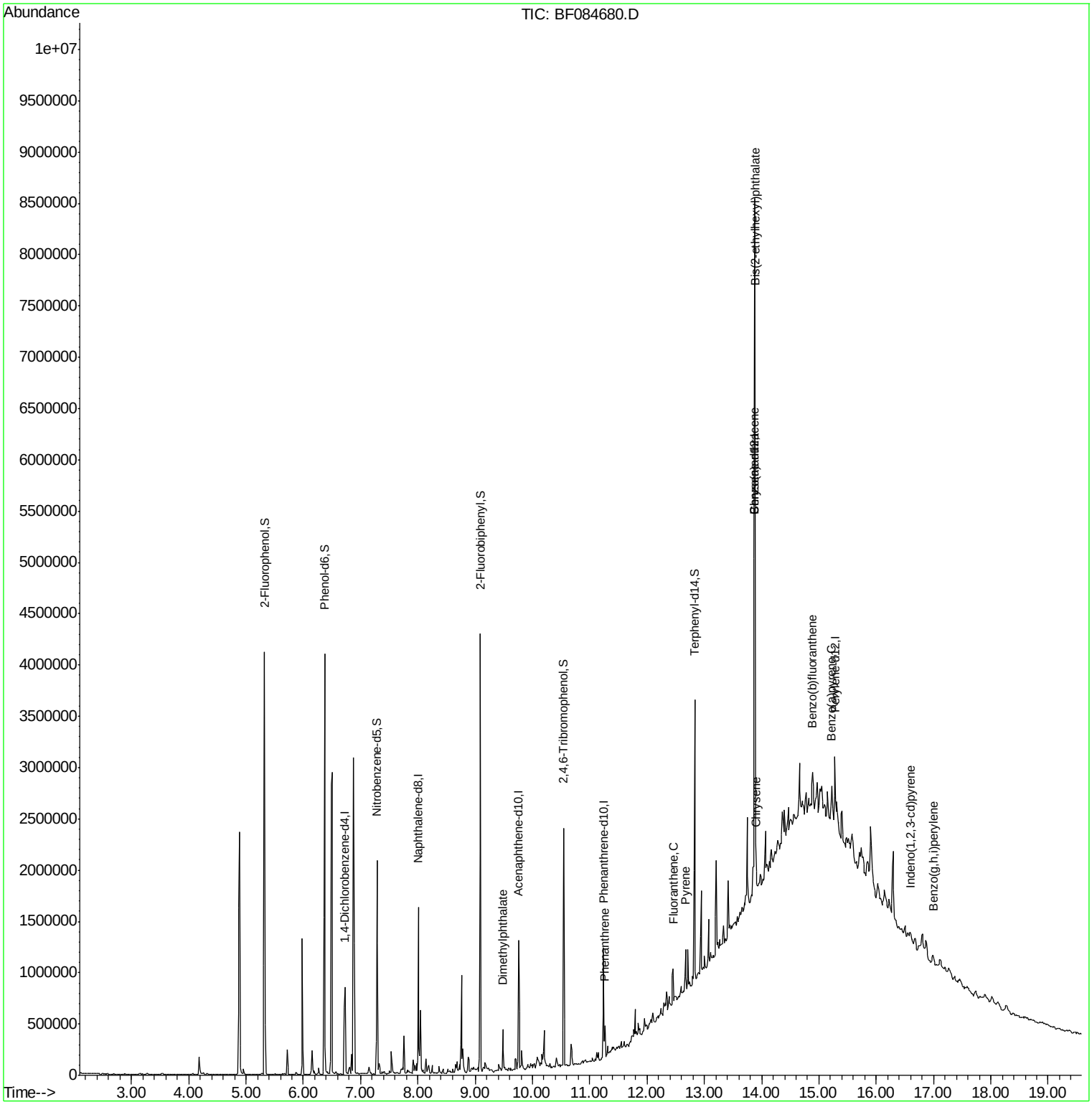
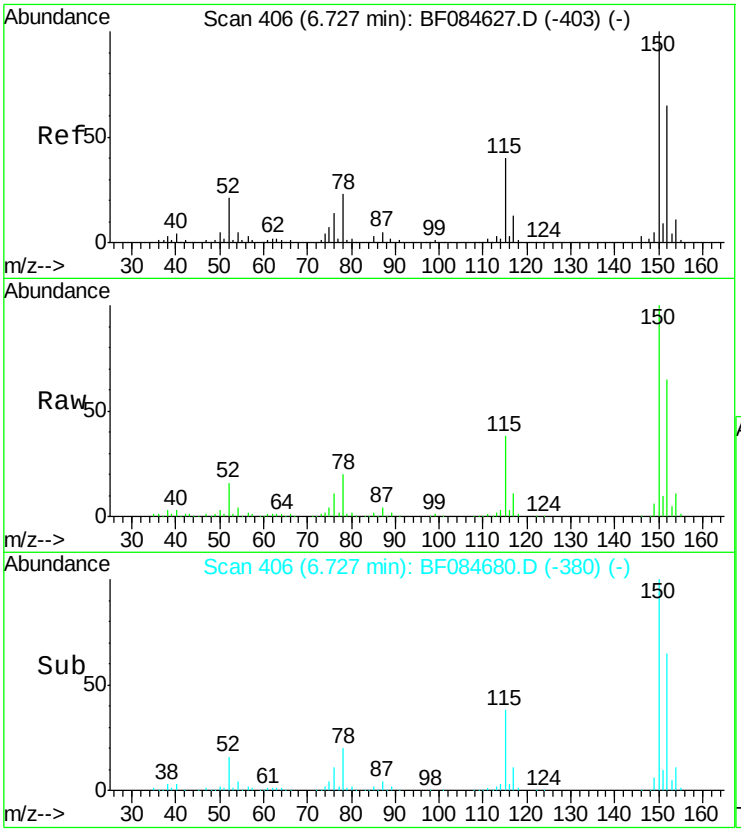
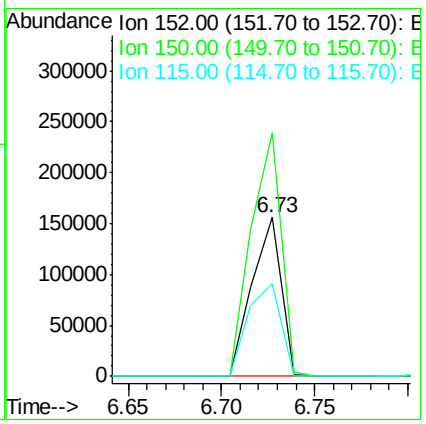




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:152 Resp: 167811

Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.0	184.4
115	58.3	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
SUP-B009(10-12)

Manual Integrations APPROVED
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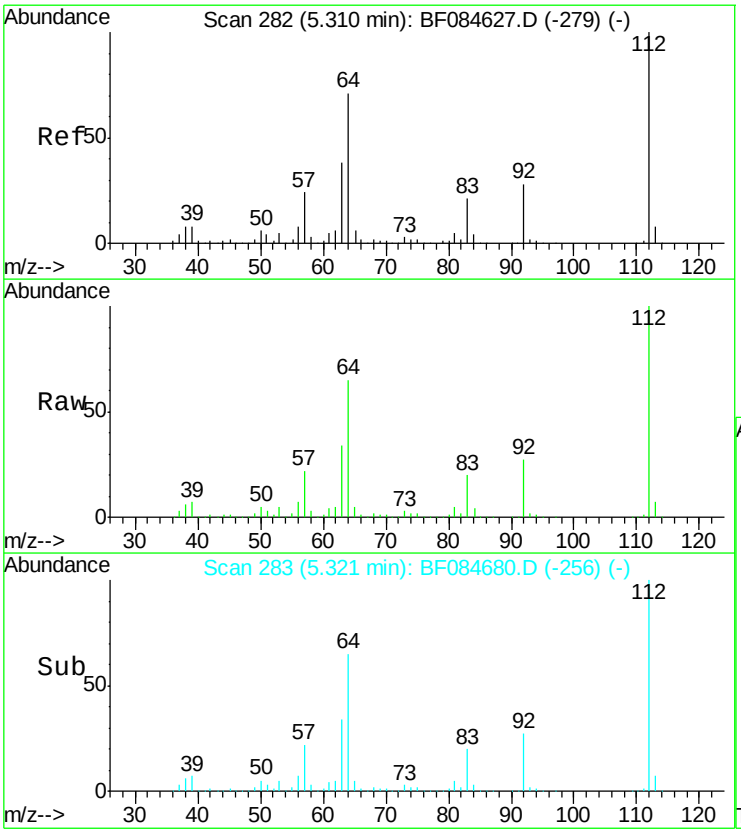
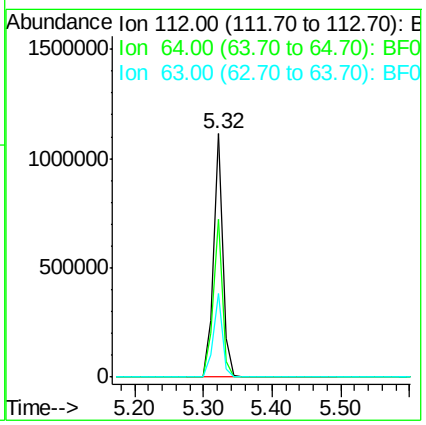
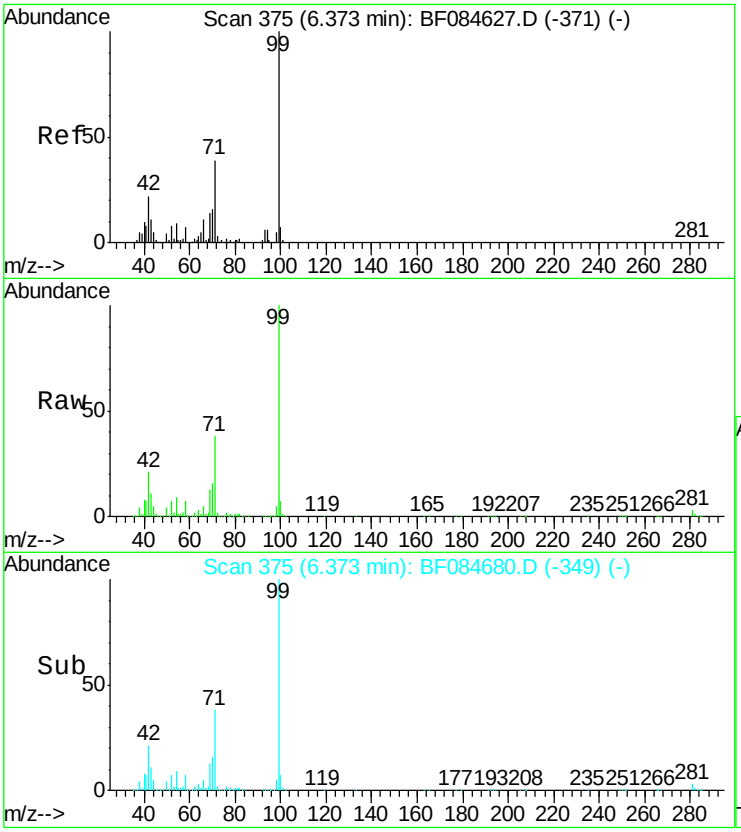


#5
2-Fluorophenol
Concen: 96.60 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:112 Resp: 1073909

Ion	Ratio	Lower	Upper
112	100		
64	64.9	36.6	55.0#
63	34.2	19.4	29.0#

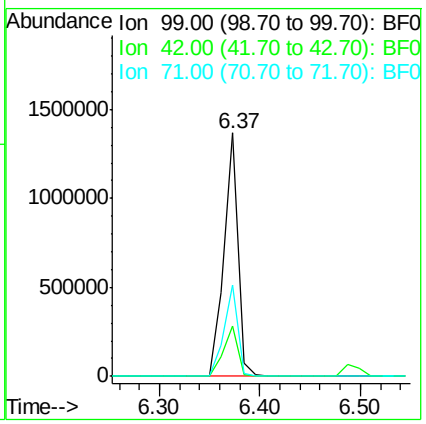




#7
Phenol-d6
Concen: 99.85 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion: 99 Resp: 1330405

Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	37.5	30.9	46.3



Instrument :
BNA_F
ClientSampleId :
SUP-B009(10-12)

Manual Integrations APPROVED
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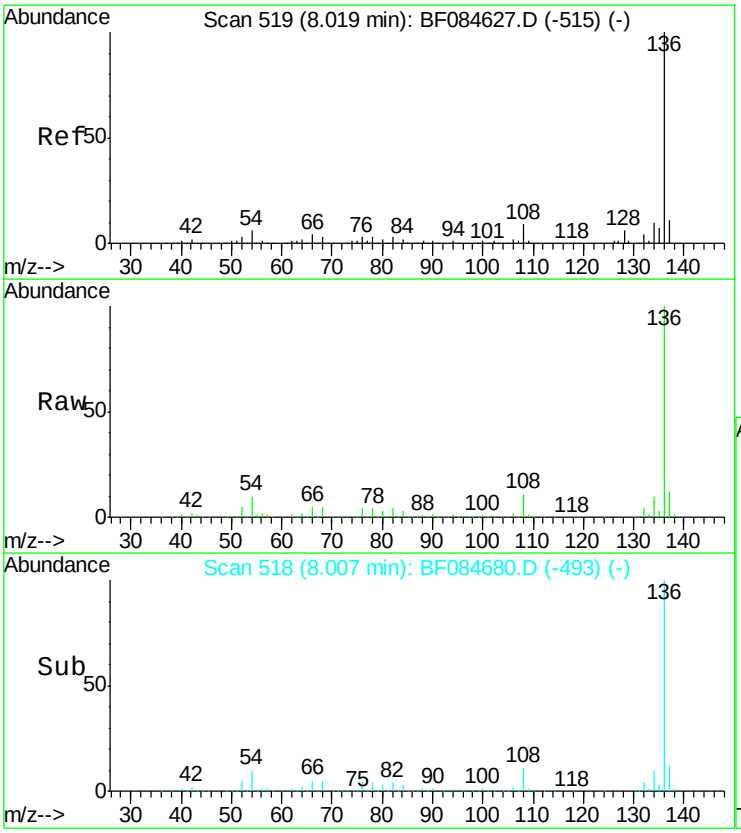
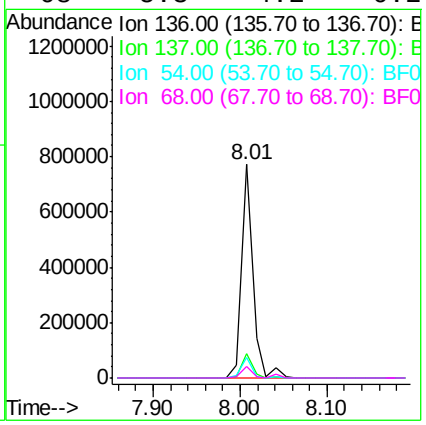
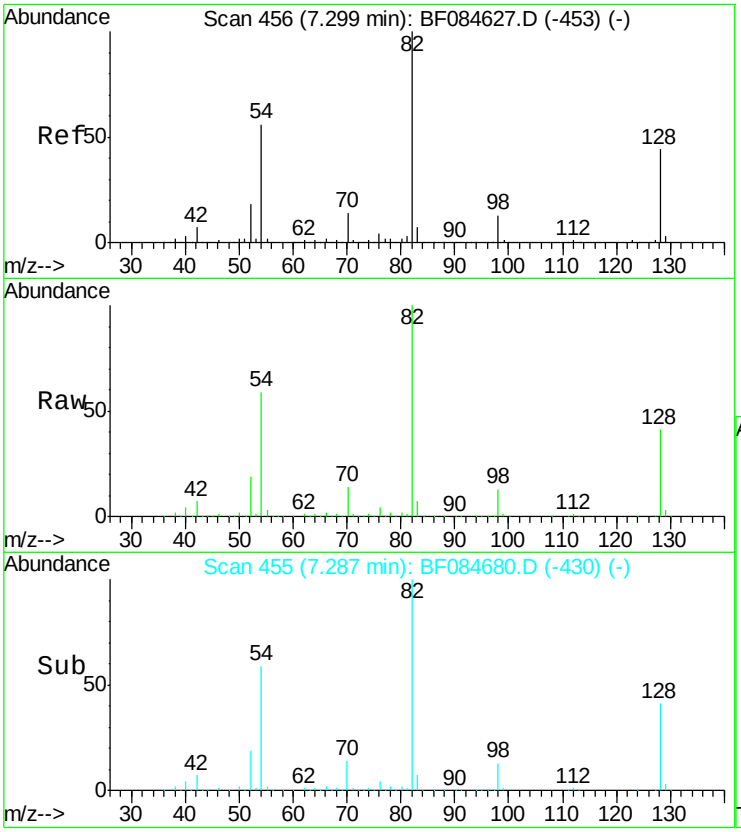


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:136 Resp: 692587

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	9.6	5.8	8.8#
68	5.3	4.2	6.2

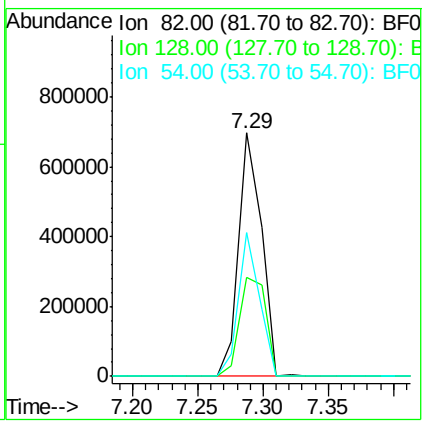




#23
Nitrobenzene-d5
Concen: 68.43 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion: 82 Resp: 848064

Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	51.8
54	59.1	38.4	57.6#



Instrument :
BNA_F
ClientSampleId :
SUP-B009(10-12)

Manual Integrations APPROVED
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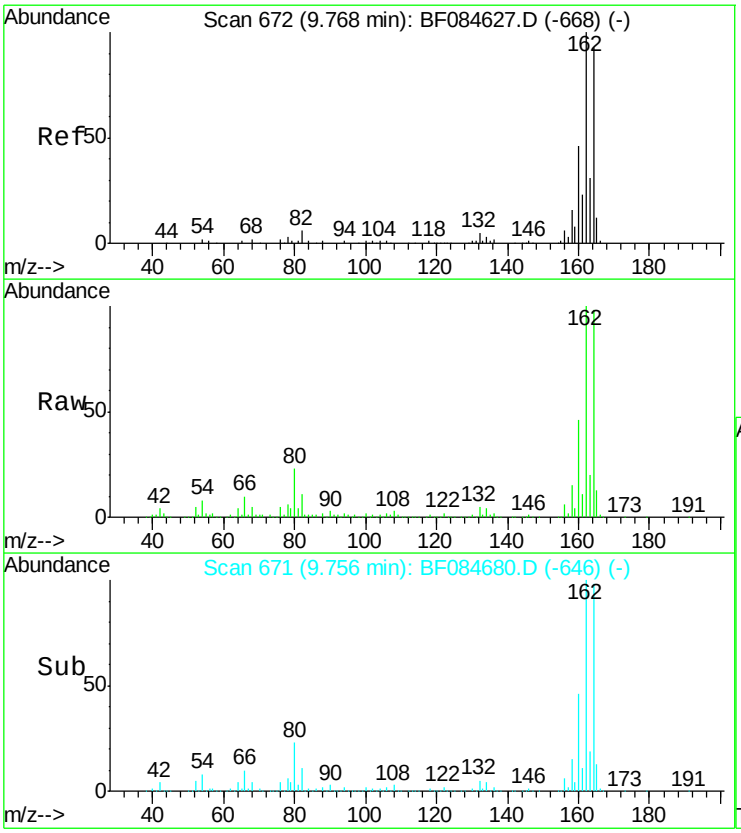
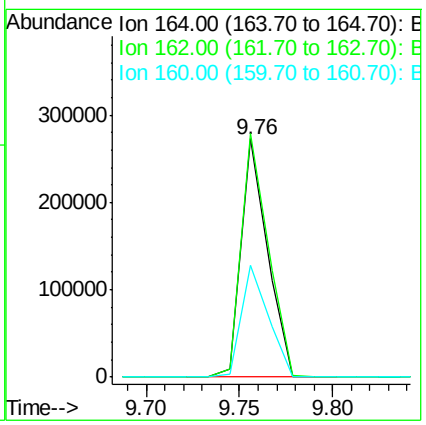
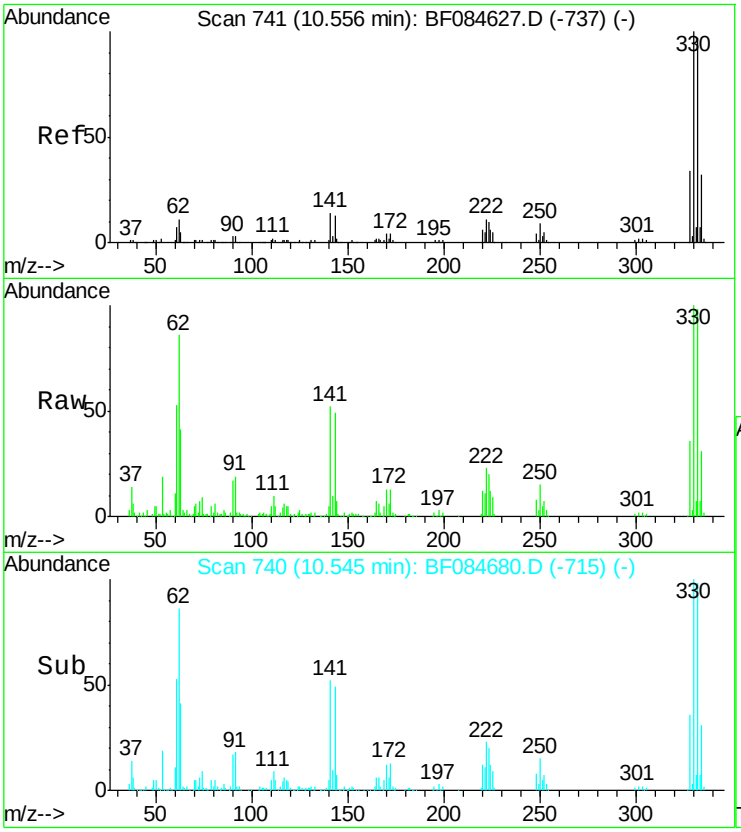


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:164 Resp: 268784

Ion	Ratio	Lower	Upper
164	100		
162	102.4	85.1	127.7
160	46.9	37.5	56.3

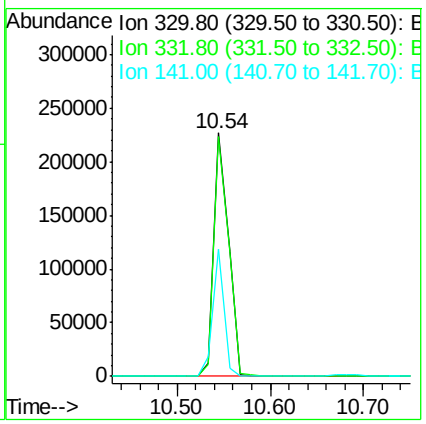




#41
2,4,6-Tribromophenol
Concen: 88.03 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:330 Resp: 247987

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	114.8
141	40.5	27.8	41.6



Instrument :
BNA_F
ClientSampleId :
SUP-B009(10-12)

Manual Integrations APPROVED
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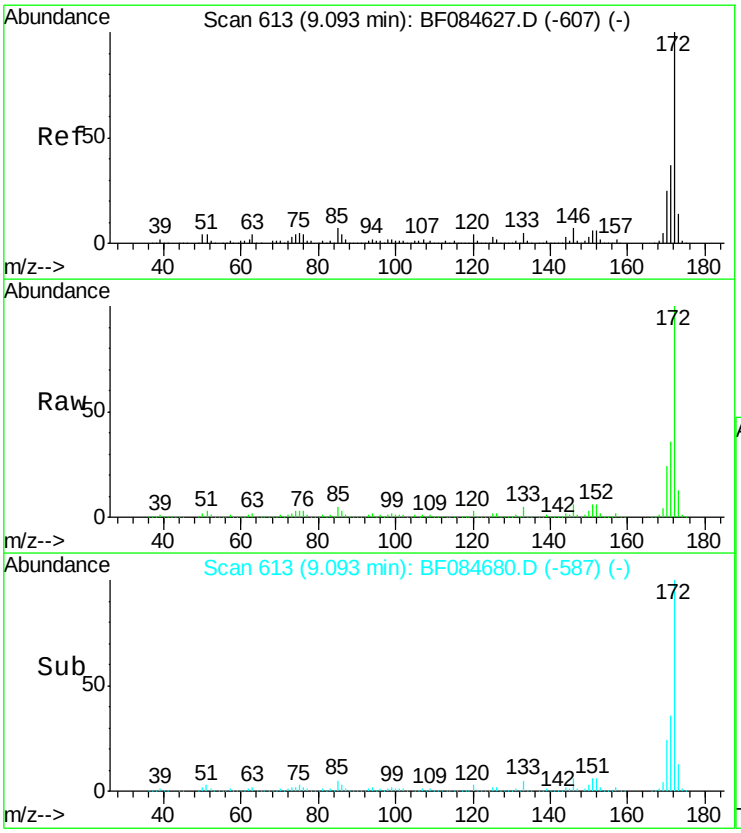
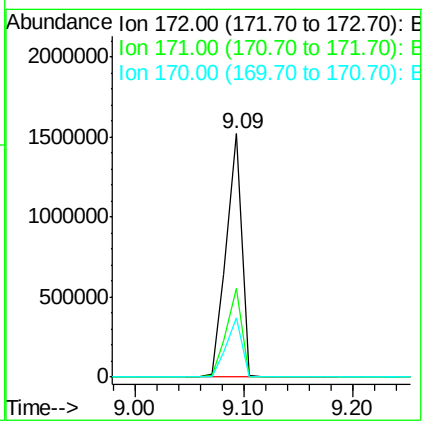
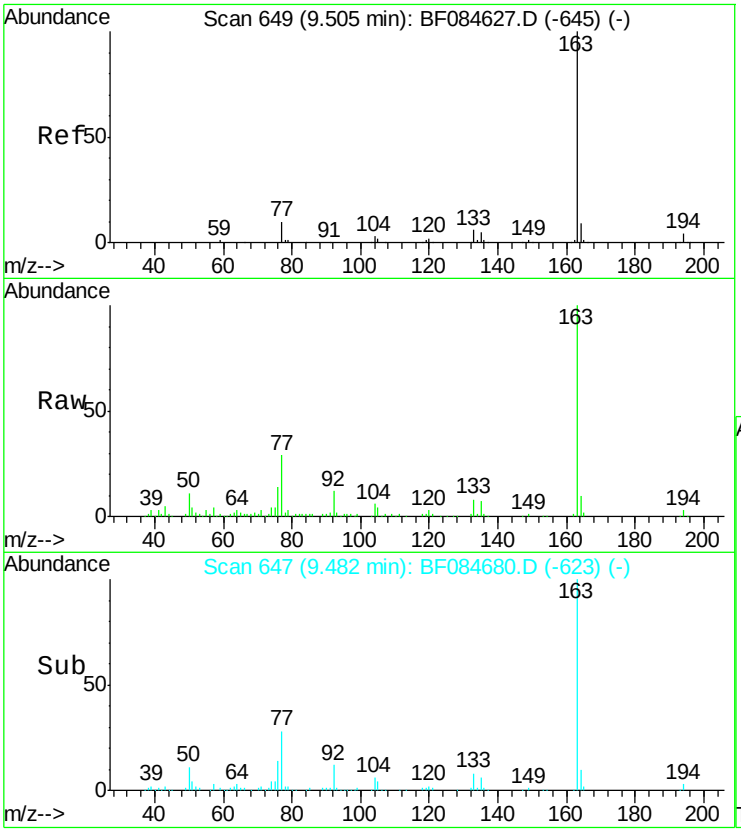


#44
2-Fluorobiphenyl
Concen: 83.46 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:172 Resp: 1509187

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.4	18.6	27.8

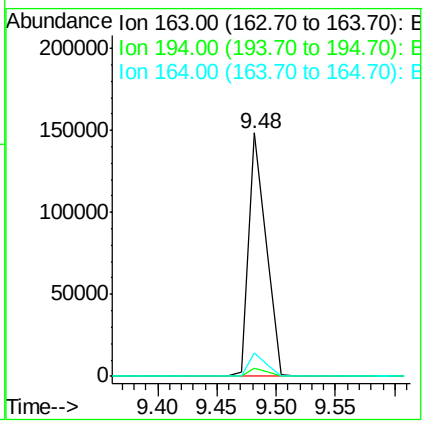




#49
Dimethylphthalate
Concen: 7.55 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:163 Resp: 152405

Ion	Ratio	Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	9.8	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
SUP-B009(10-12)

Manual Integrations APPROVED
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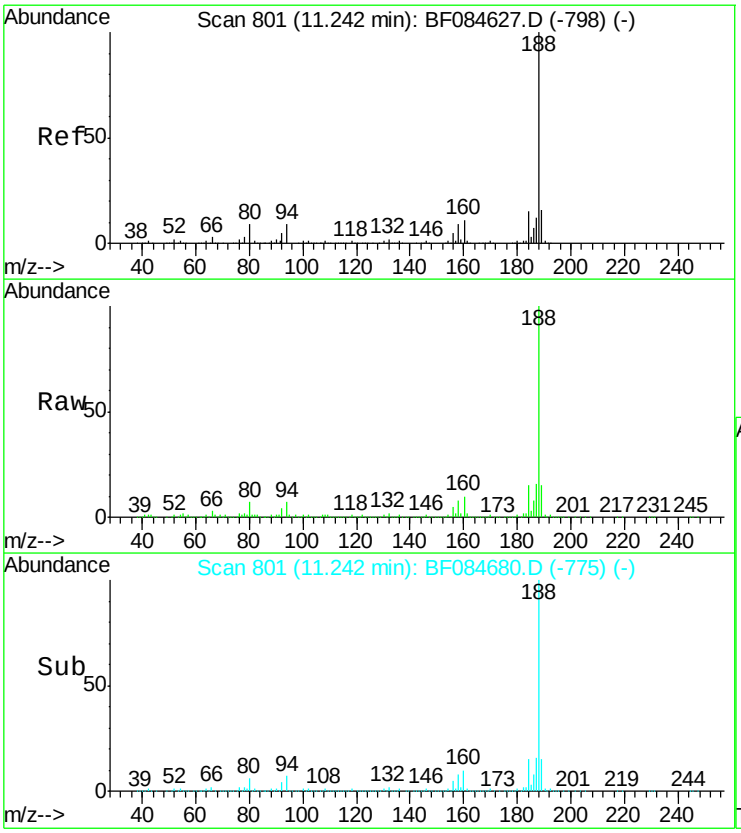
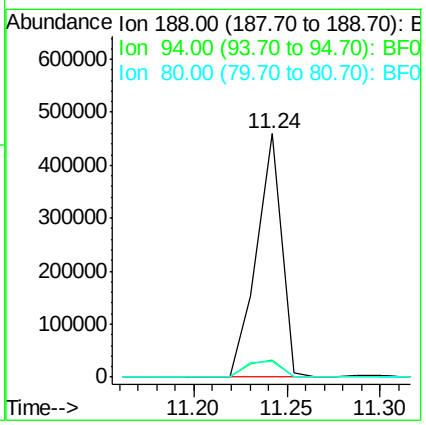
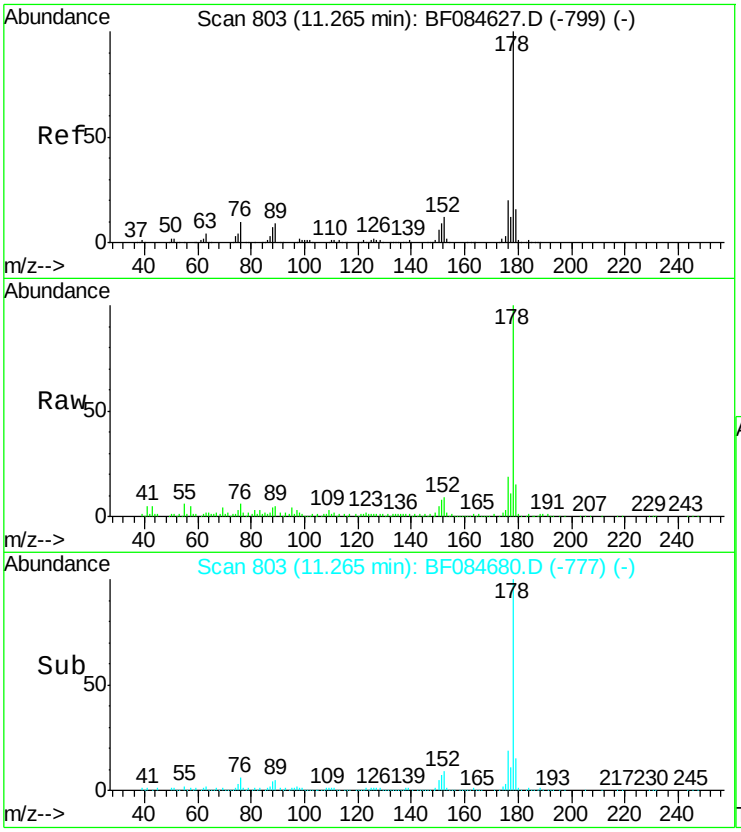


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:188 Resp: 427241

Ion	Ratio	Lower	Upper
188	100		
94	7.0	9.0	13.4#
80	6.6	9.6	14.4#

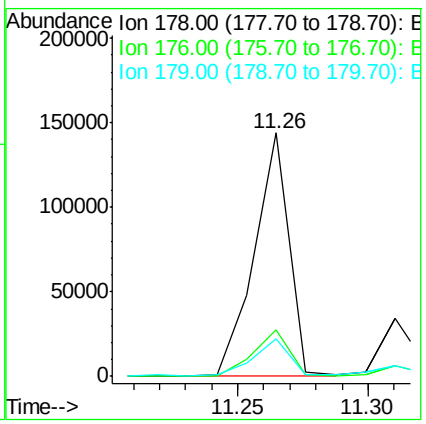




#70
Phenanthrene
Concen: 5.66 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:178 Resp: 133648

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.4	12.0	18.0



Instrument :
BNA_F
ClientSampleId :
SUP-B009(10-12)

Manual Integrations APPROVED
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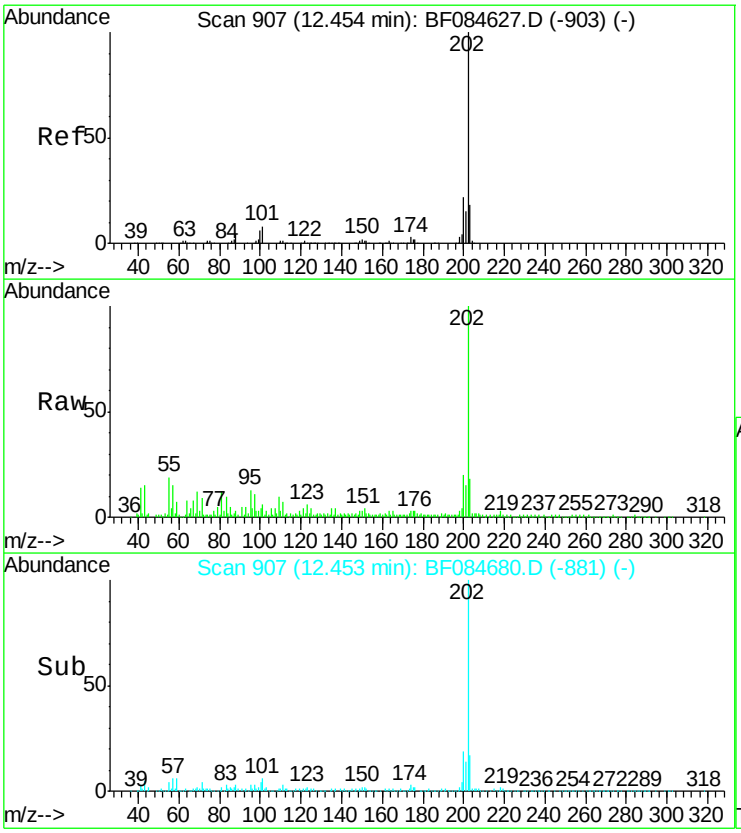
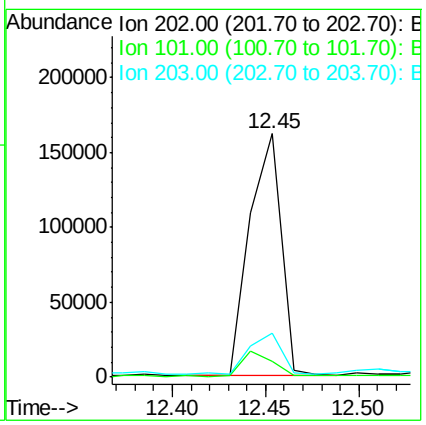
2/1/2016 6:29:45 PM

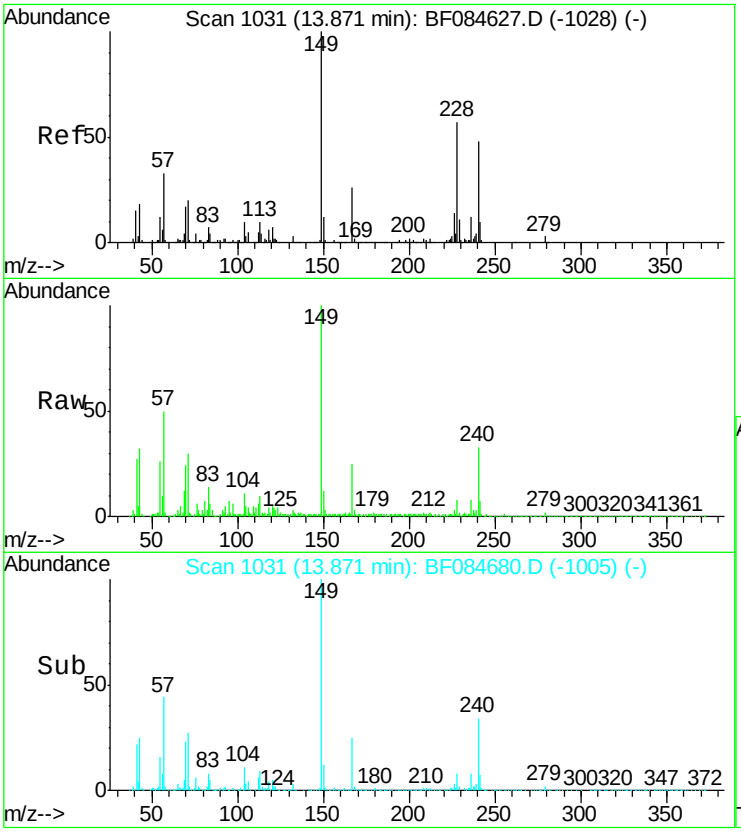


#74
Fluoranthene
Concen: 8.05 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:202 Resp: 187923

Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	32.8
203	18.0	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: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:240 Resp: 266768

Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3#
236	25.1	20.6	31.0

Instrument :
BNA_F
ClientSampleId :
SUP-B009(10-12)

Manual Integrations APPROVED
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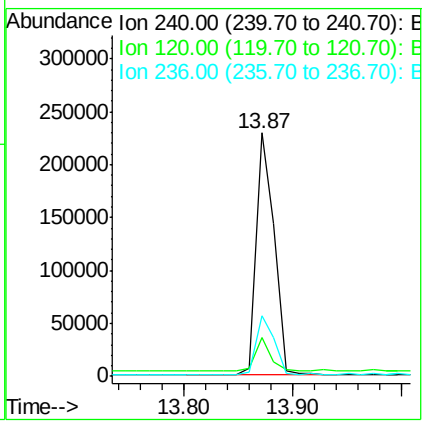
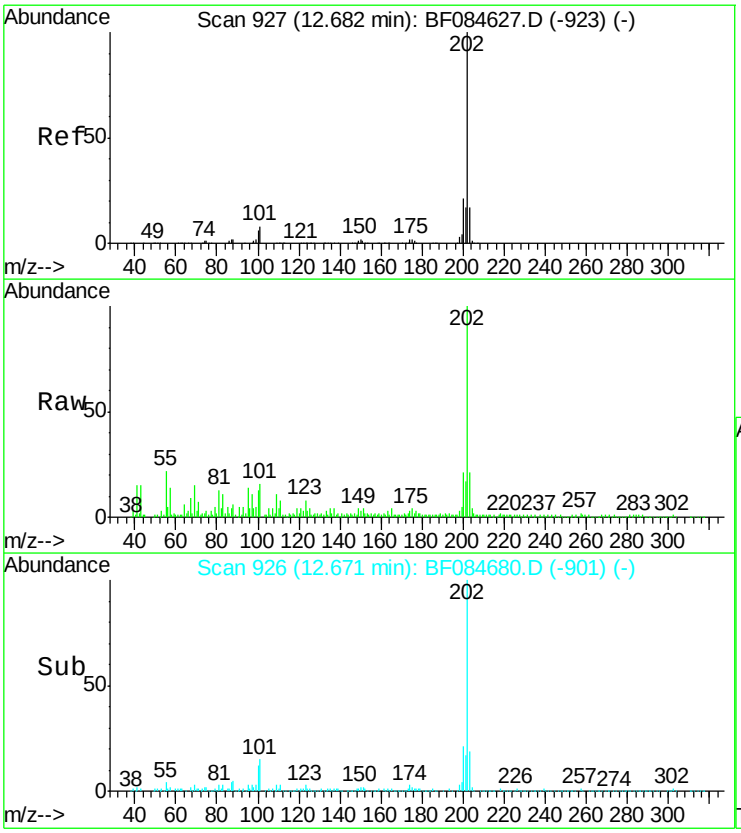
2/1/2016 6:29:45 PM

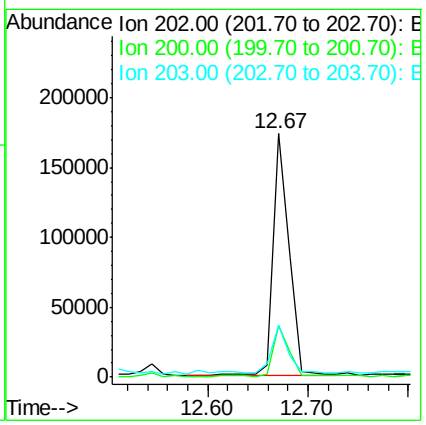


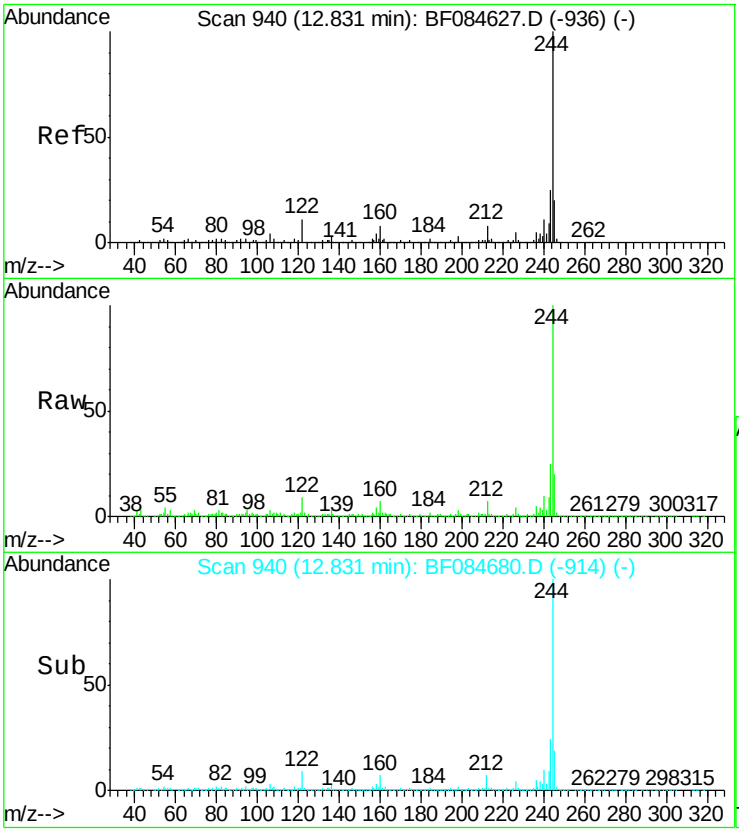


#77
Pyrene
Concen: 9.21 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:202 Resp: 185255

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	21.2	14.3	21.5

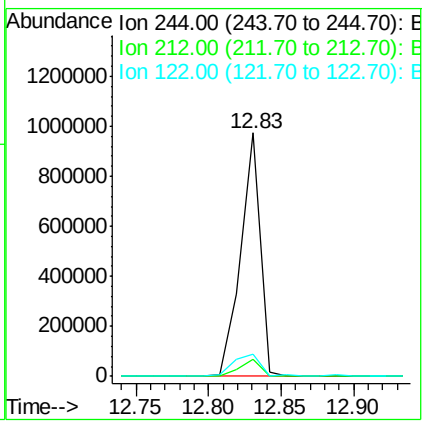




#78
Terphenyl-d14
Concen: 77.16 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:244 Resp: 911356

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	9.2	7.4	11.0



Instrument :
BNA_F
ClientSampleId :
SUP-B009(10-12)

Manual Integrations APPROVED
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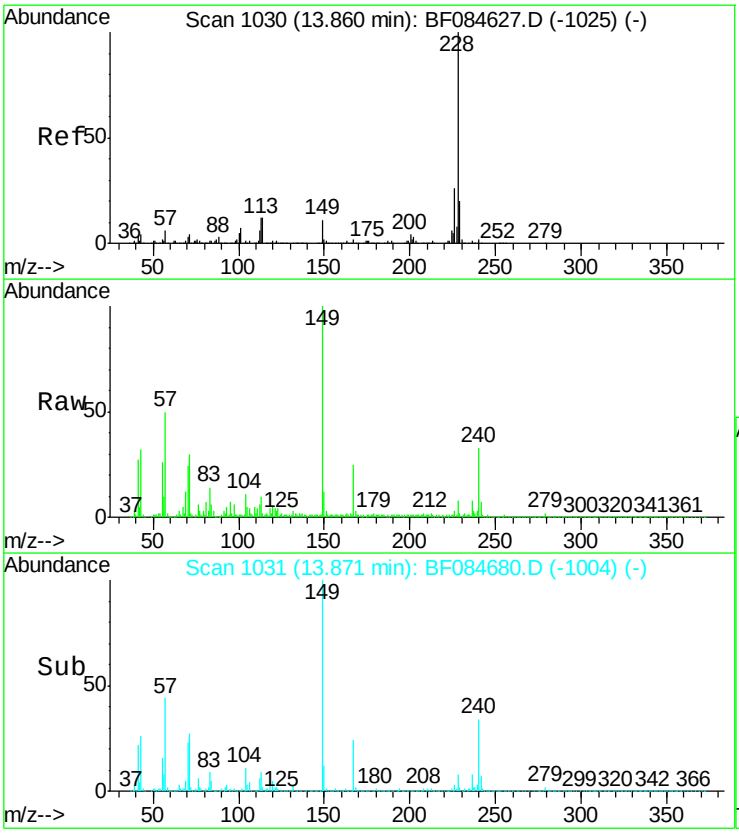
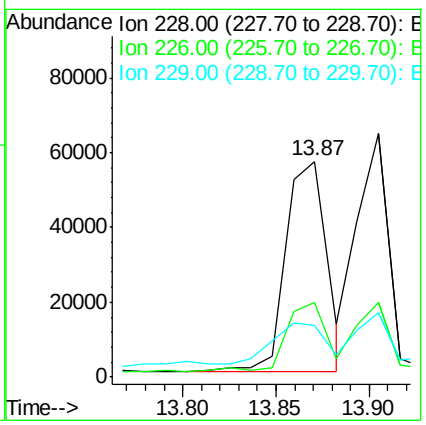
2/1/2016 6:29:45 PM

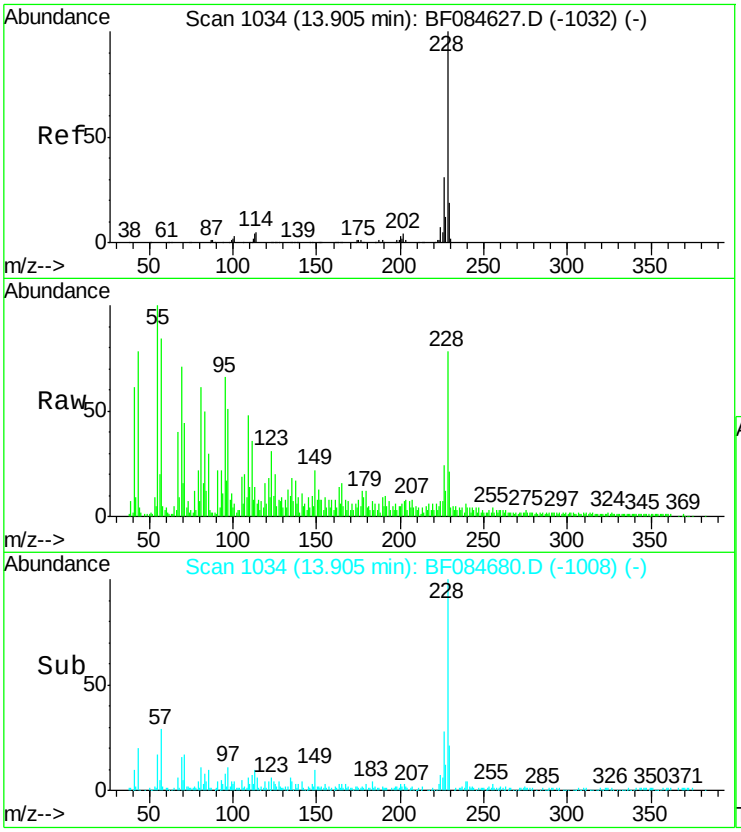


#80
Benzo(a)anthracene
Concen: 5.19 ng
RT: 13.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:228 Resp: 86371

Ion	Ratio	Lower	Upper
228	100		
226	34.5	21.8	32.6#
229	23.9	15.8	23.8#





#82
Chrysene
Concen: 4.99 ng m
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:228 Resp: 81722

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	26.4	16.1	24.1#

Instrument :
BNA_F
ClientSampleId :
SUP-B009(10-12)

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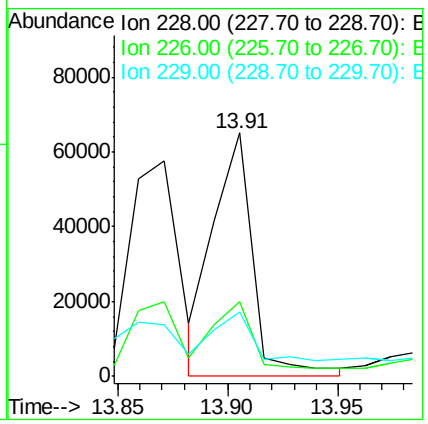
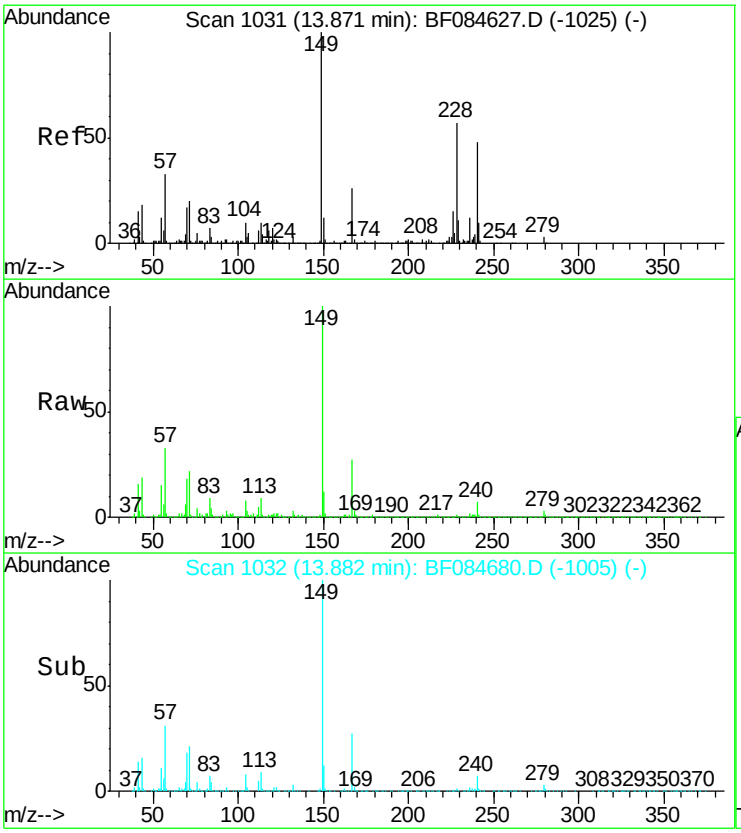
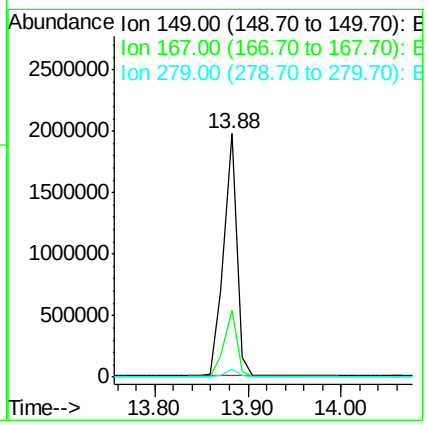


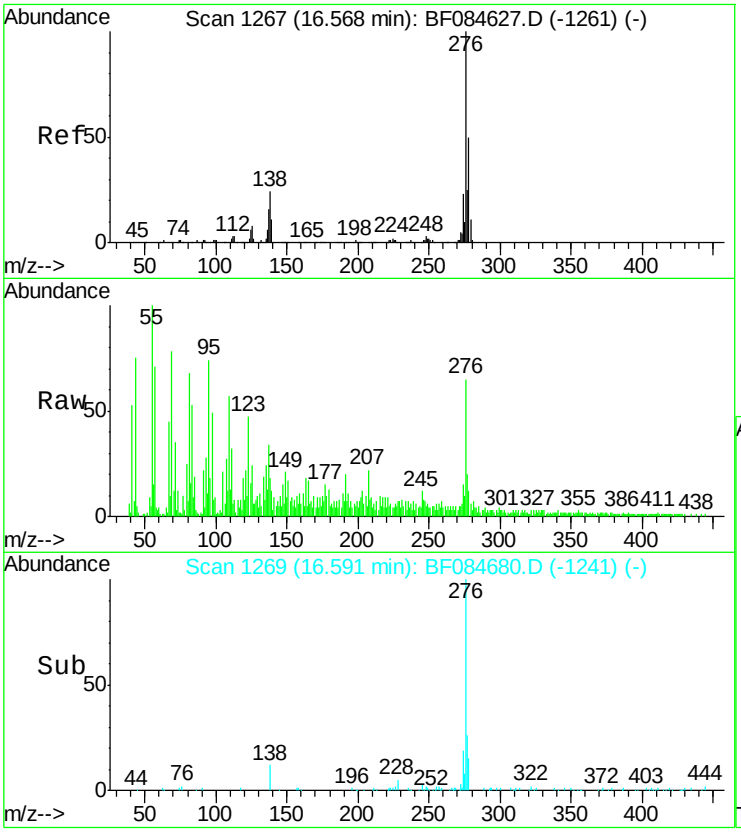


#83
Bis(2-ethylhexyl)phthalate
Concen: 174.23 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:149 Resp: 1942707

Ion	Ratio	Lower	Upper
149	100		
167	27.3	19.7	29.5
279	3.1	1.8	2.6#





#85
Indeno(1,2,3-cd)pyrene
Concen: 3.96 ng
RT: 16.59 min Scan# 1269
Delta R.T. 0.02 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:276 Resp: 57398

Ion	Ratio	Lower	Upper
276	100		
138	18.8	20.6	30.8#
277	26.1	20.1	30.1

Instrument :
BNA_F
ClientSampleId :
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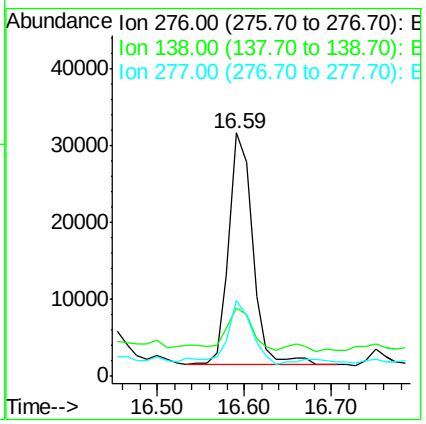
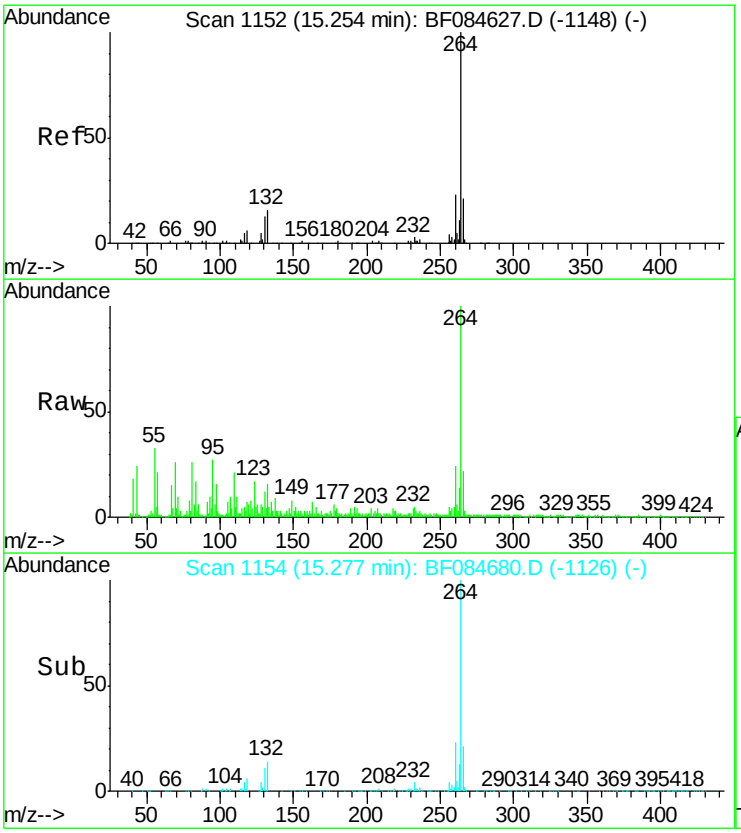
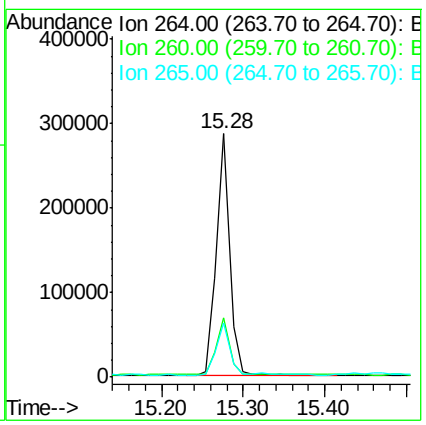


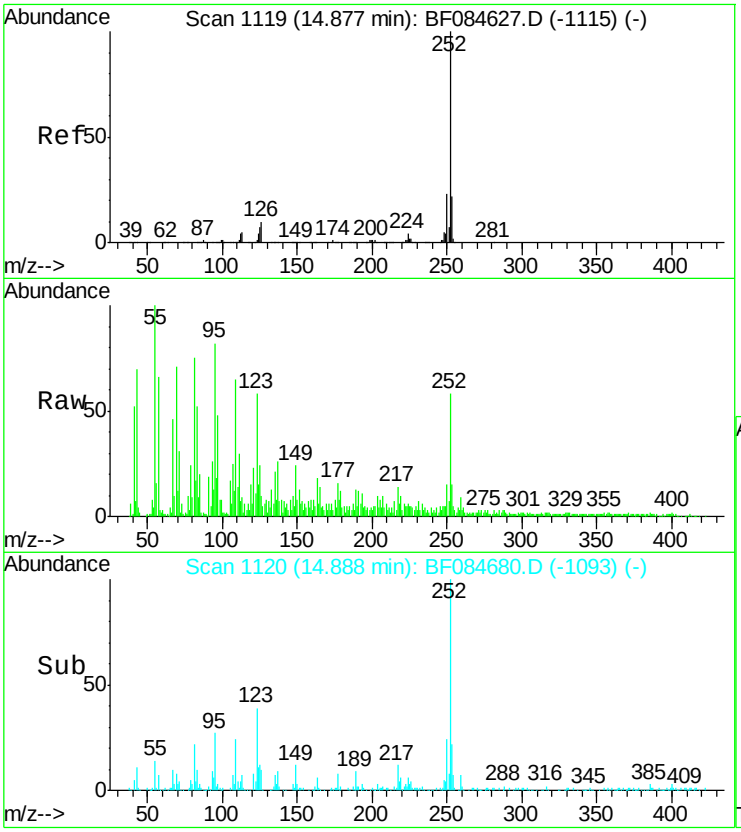


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:264 Resp: 331367

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	22.2	17.8	26.6

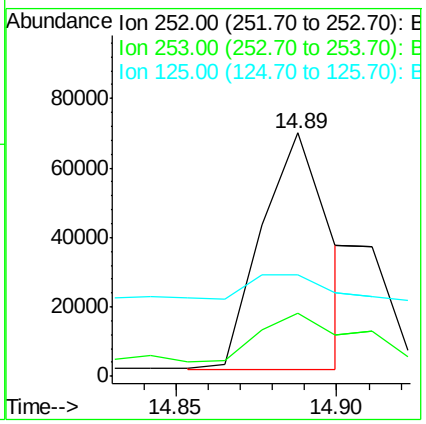




#87
Benzo(b)fluoranthene
Concen: 4.71 ng m
RT: 14.89 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:252 Resp: 101086

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.3	25.9#
125	41.5	6.5	9.7#



Instrument :
BNA_F
ClientSampleId :
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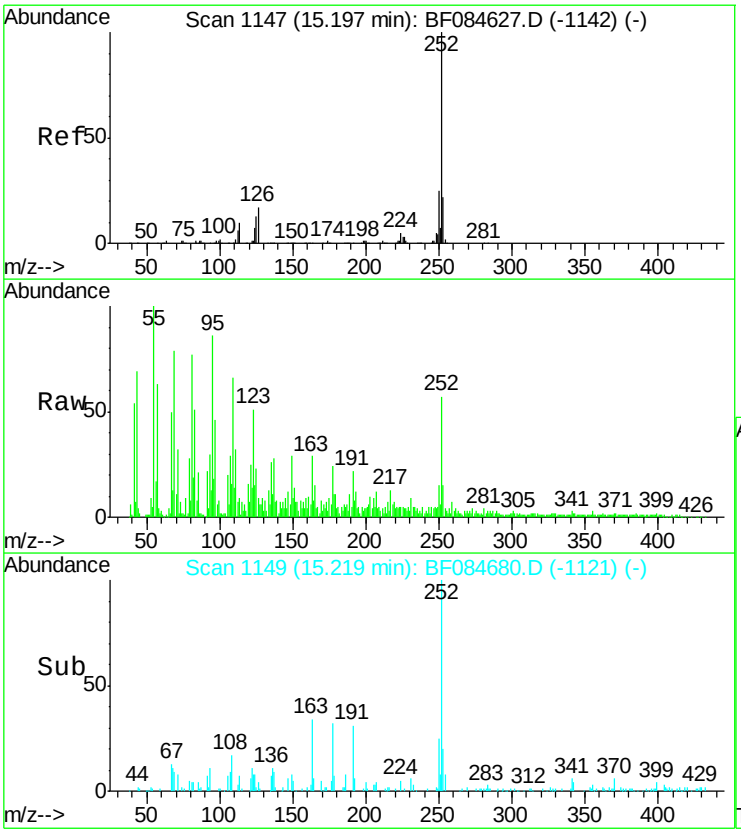
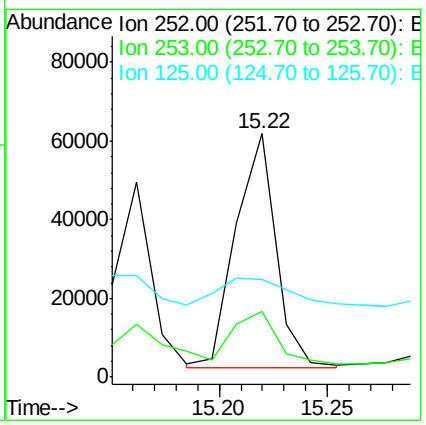
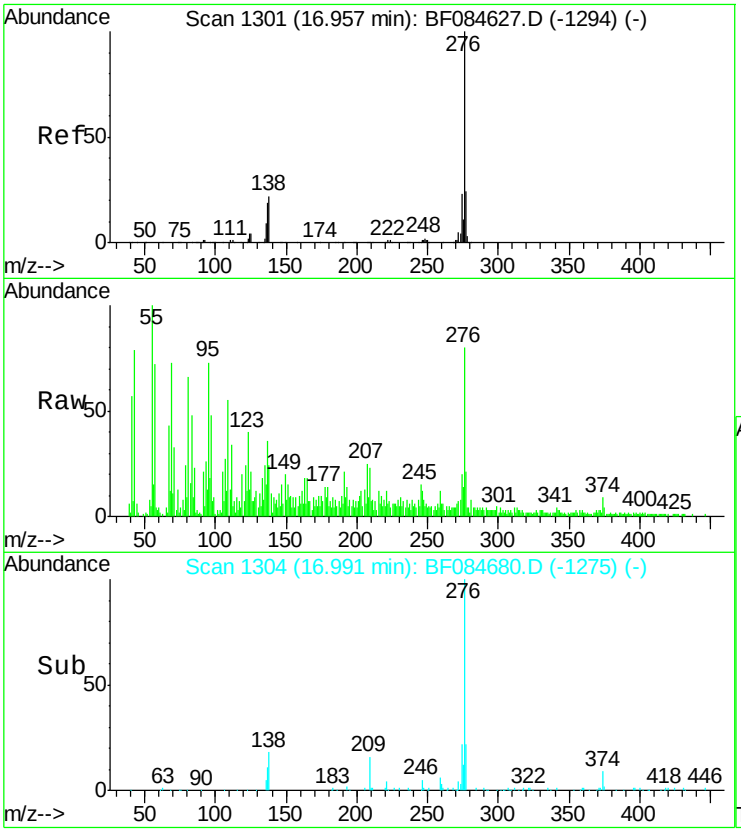


#89
Benzo(a)pyrene
Concen: 4.13 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.02 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:252 Resp: 76643

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.3	25.9#
125	39.9	7.0	10.4#

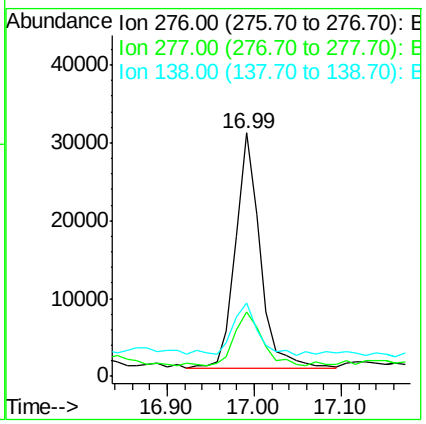




#91
Benzo(g,h,i)perylene
Concen: 3.51 ng
RT: 16.99 min Scan# 1304
Delta R.T. 0.03 min
Lab File: BF084680.D
Acq: 30 Jan 2016 12:31

Tgt Ion:276 Resp: 59333

Ion	Ratio	Lower	Upper
276	100		
277	26.4	18.8	28.2
138	29.9	17.8	26.6#



Instrument :
BNA_F
ClientSampleId :
SUP-B009(10-12)

Manual Integrations APPROVED
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